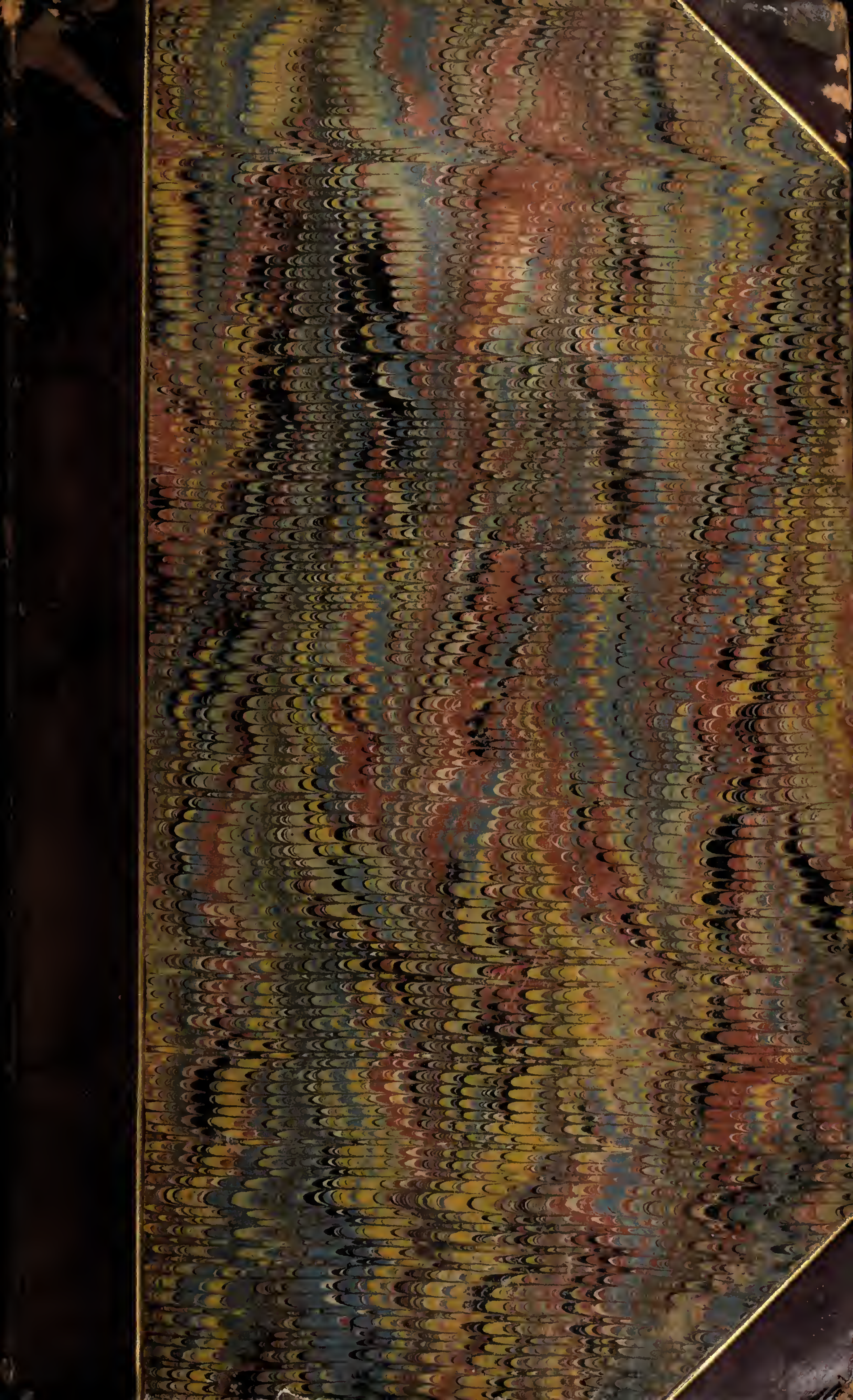

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THE

ANIMAL KINGDOM,

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Serving as a

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NATURAL HISTORY OF ANIMALS,

and an

Introduction to comparative Anatomy.

BY

BARON CUVIER,

Great Officer of the Legion of Honour, Counsellor of State, & Member of the Royal Council of Public Instruction, One of the Forty of the French Academy, Perpetual Secretary to the Academy of Sciences, Member of the Academies & Royal Societies of London, Berlin, Petersburgh, Stockholm, Turin, Edinburgh, Copenhagen, Gottingen, Bavaria, Modena, the Netherlands, & Calcutta, & of the Linnæan Society of London, &c. &c.

WITH FIGURES DESIGNED AFTER NATURE:

the

Crustacea, Arachnides & Insecta,

by

M. Latreille,

Chevalier of the Legion of Honour, Member of the Institute, Royal Academy of Sciences, & of the greater portion of other learned Societies in Europe, America &c.

Translated from the latest French Edition.

with

ADDITIONAL NOTES,

and

Illustrated by nearly 800 Coloured Plates.

IN FOUR VOLUMES.

VOL. IV.

INSECTA — ZOOPHYTES.

LONDON,

G. Henderson, 2, Old Bailey, Ludgate Hill.

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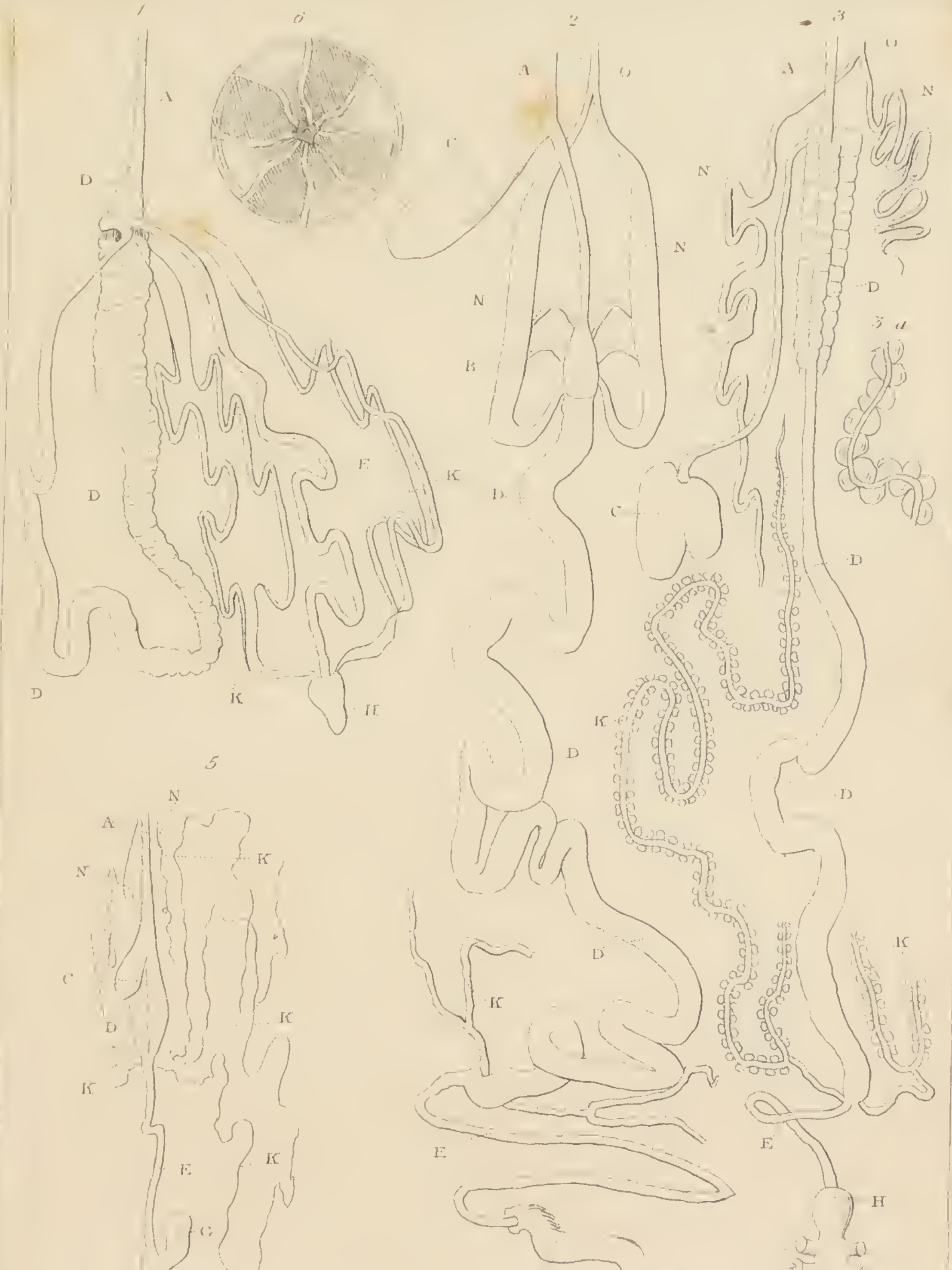

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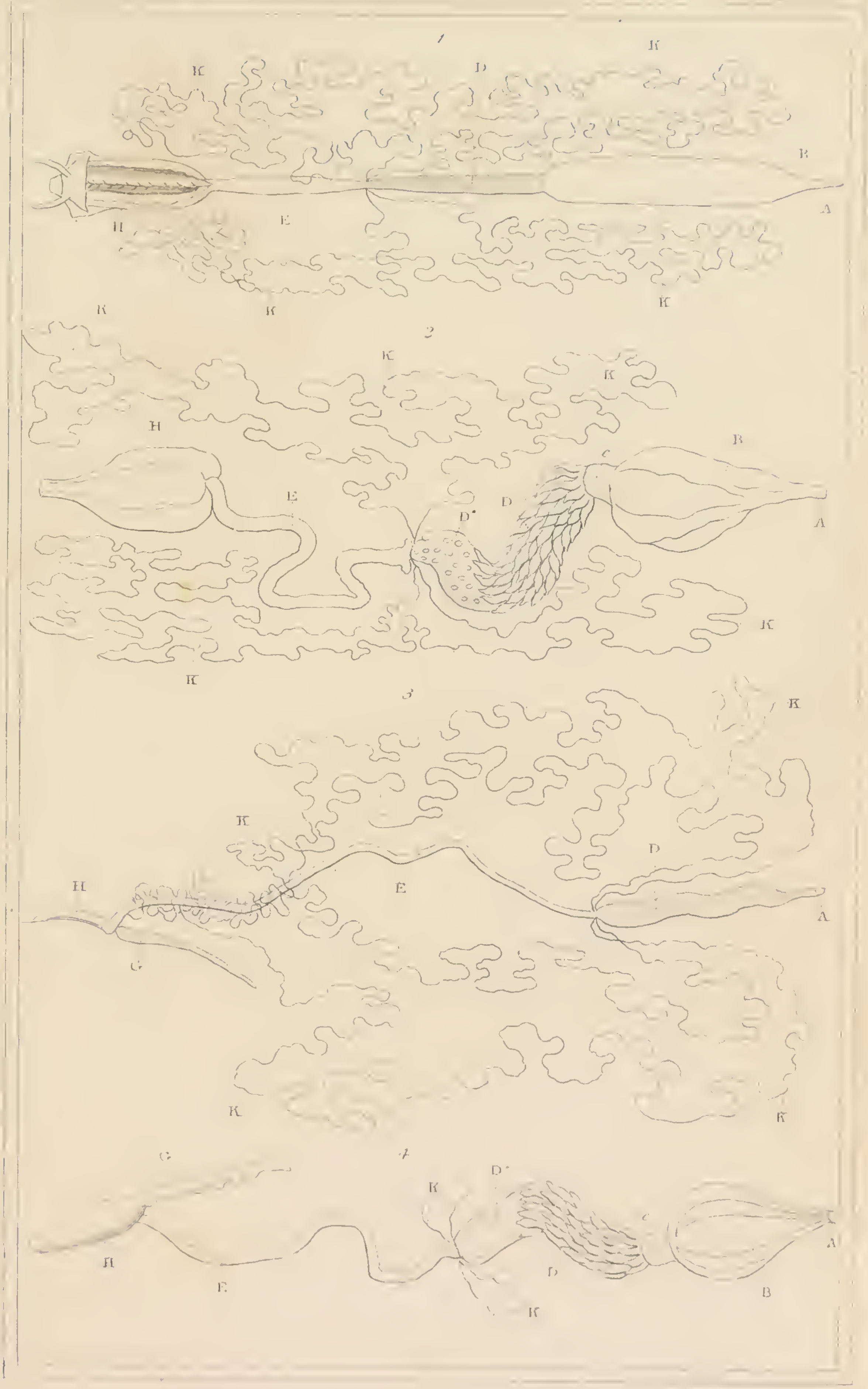

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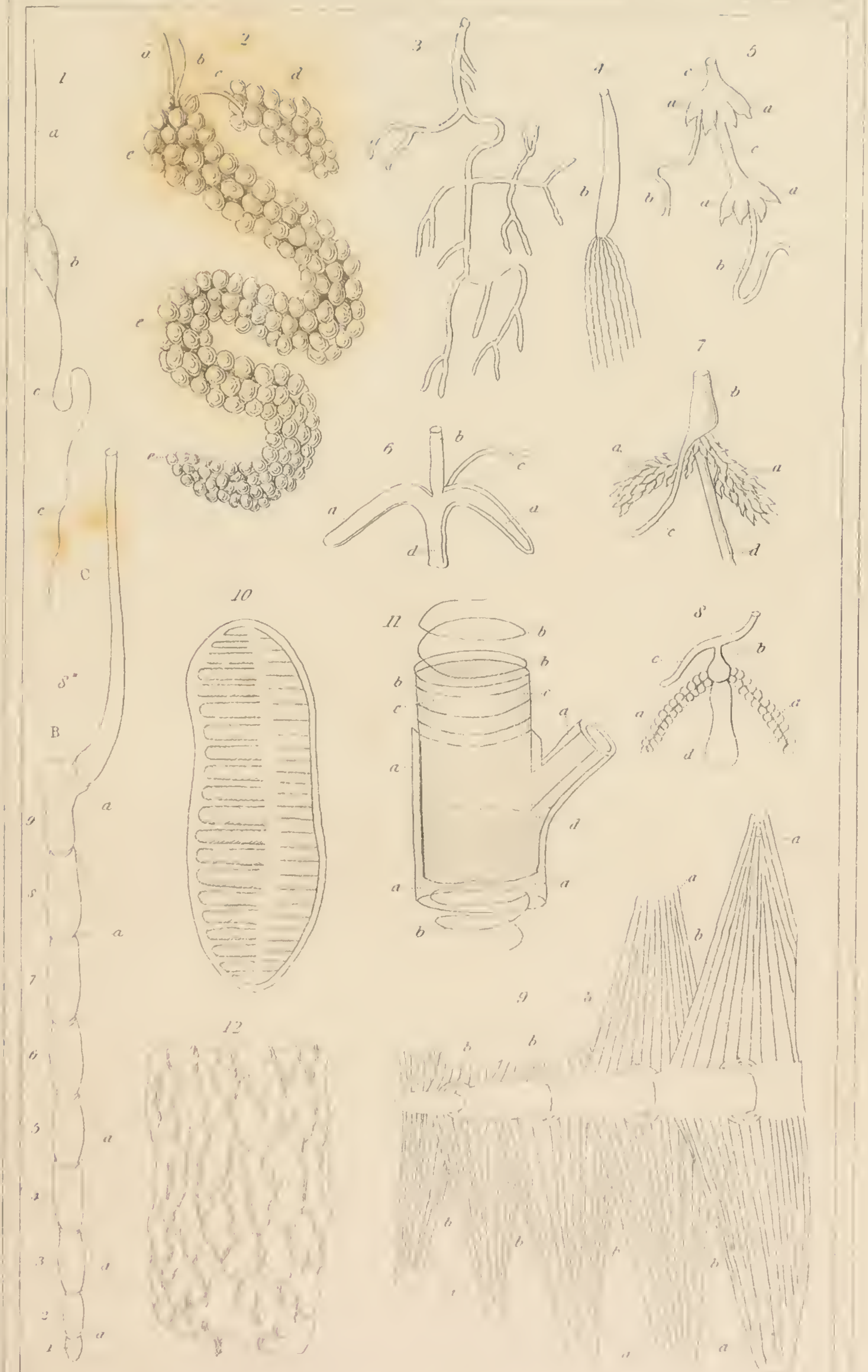

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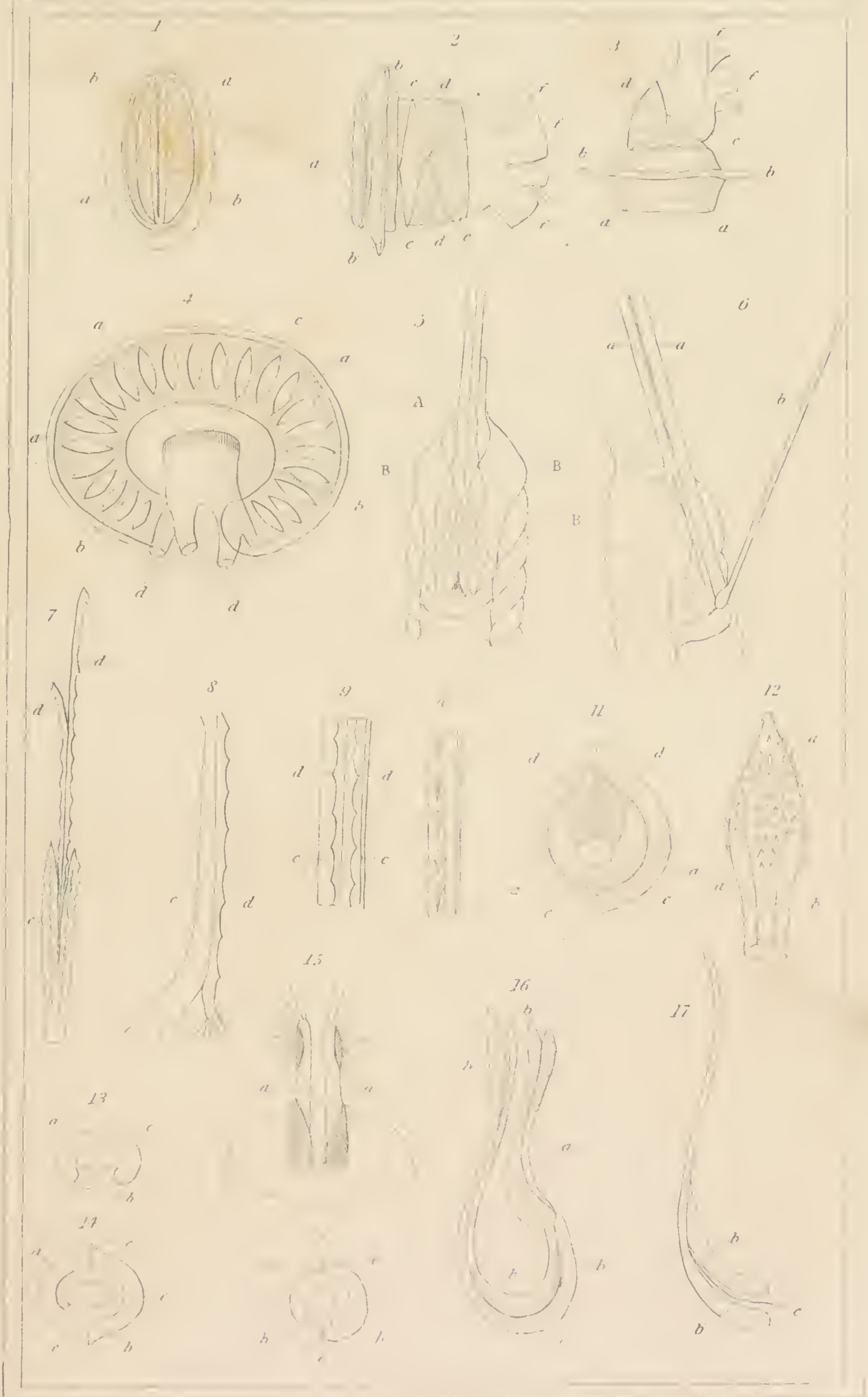

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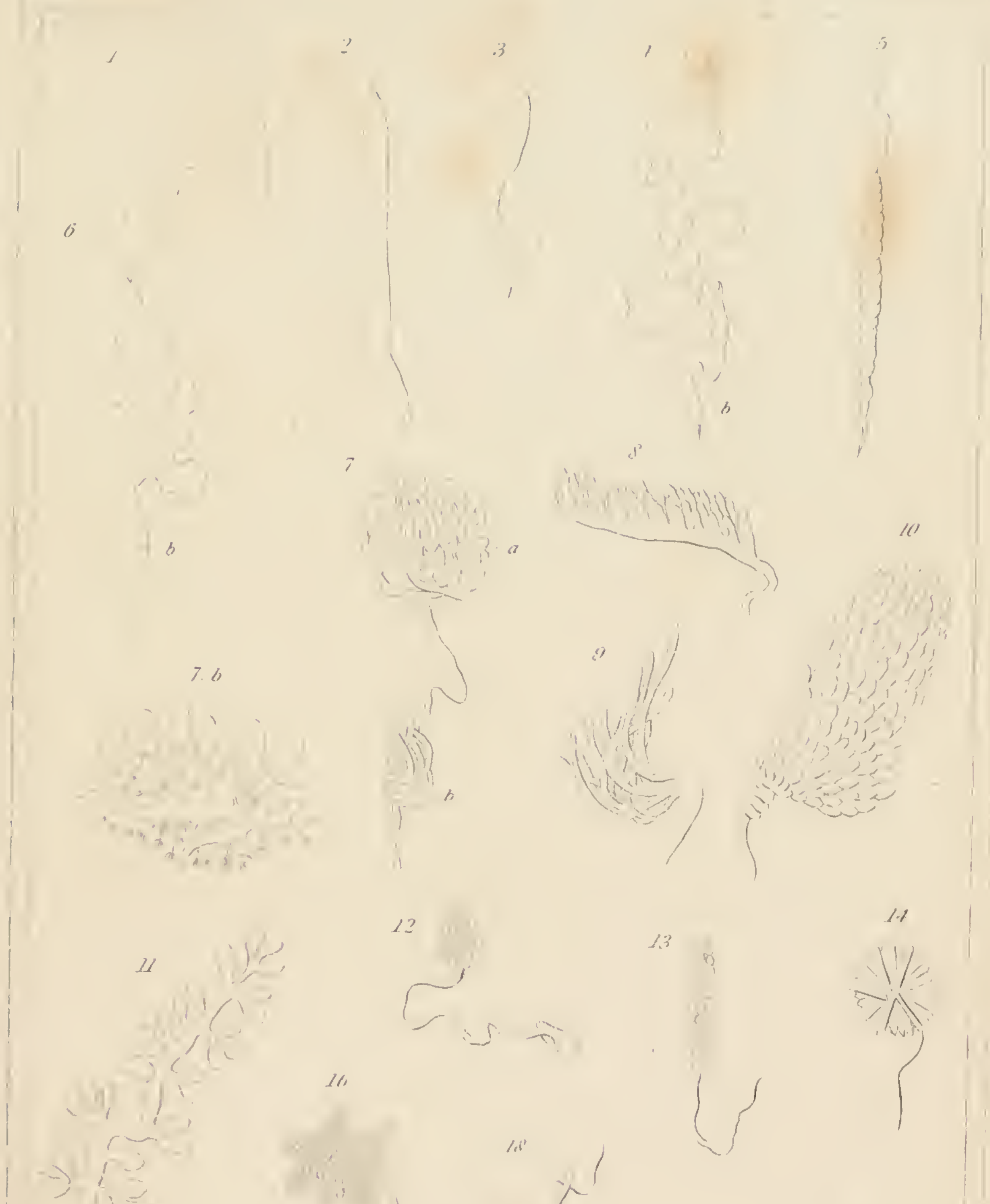

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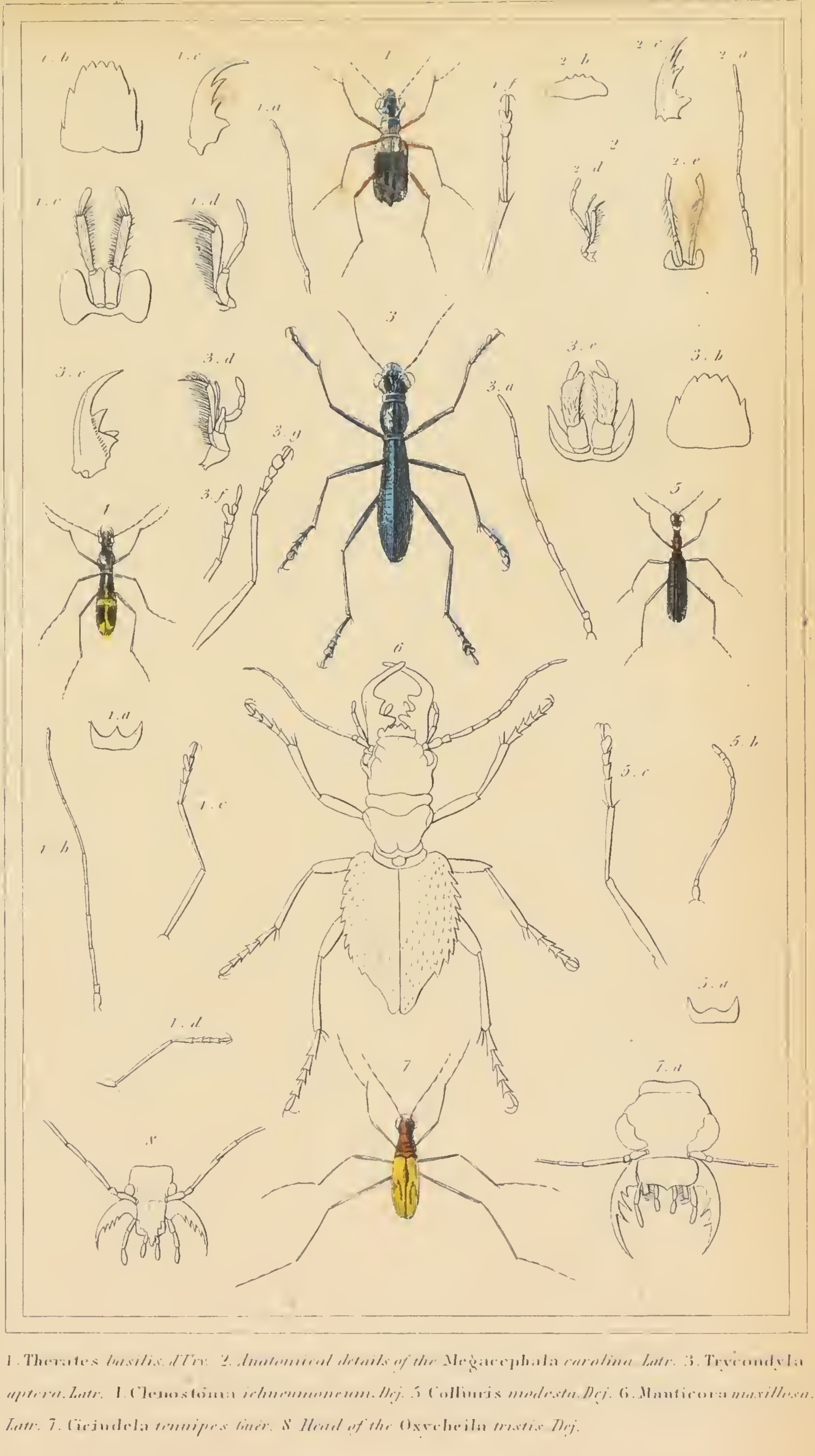

1. Therates *basilis, d'Urv.* 2. *Anatomical details of the* Megacephala *carolina. Latr.* 3. Trycondyla *aptera. Latr.* 4. Ctenostoma *ichneumoneum. Dej.* 5. Colliuris *modesta. Dej.* 6. Manticora *maxillosa. Latr.* 7. Cicindela *tenuipes. Guér.* 8. *Head of the* Oxycheila *tristis. Dej.*

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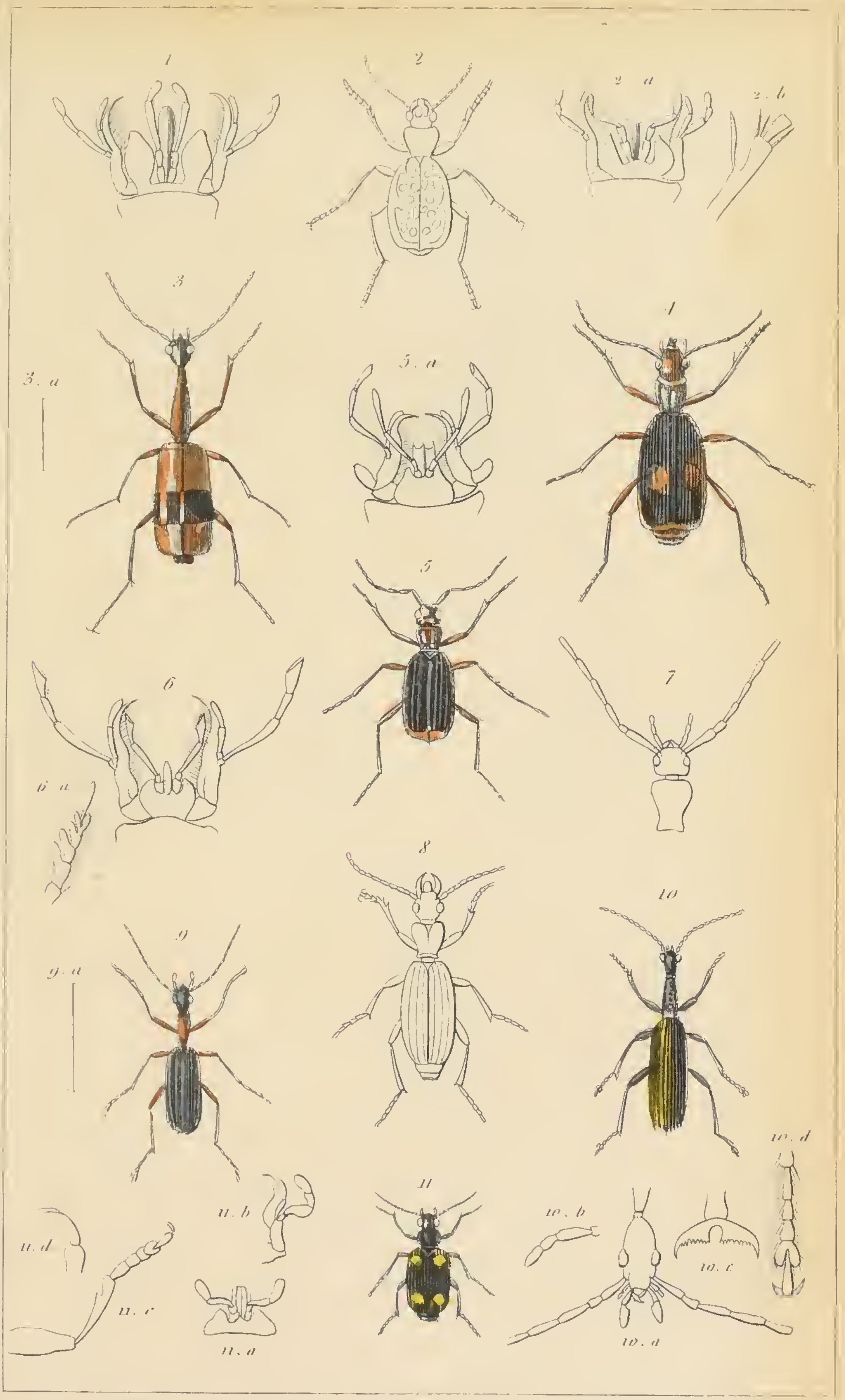

1. *Mouth of the* Anthia *10 guttata. Latr.* 2. Graphipterus *multiguttatus. Latr.* 3. Casnonia *senegalensis. St Farg & Serv.* 4. Brachinus *Jurinei. Dej.* 5. Trichognathus *marginatus. Latr.* 6. *Mouth & Tarsus of the* Galerita *americana. Latr.* 7. *Head & Corselet of the* Zuphium *olens. Latr* 8. Helluo *costatus. Latr.* 9. Dripta *ruficollis. Dej.* 10. Agra *splendida. Latr.* 11. Lebia *flavomaculata. Guer.*

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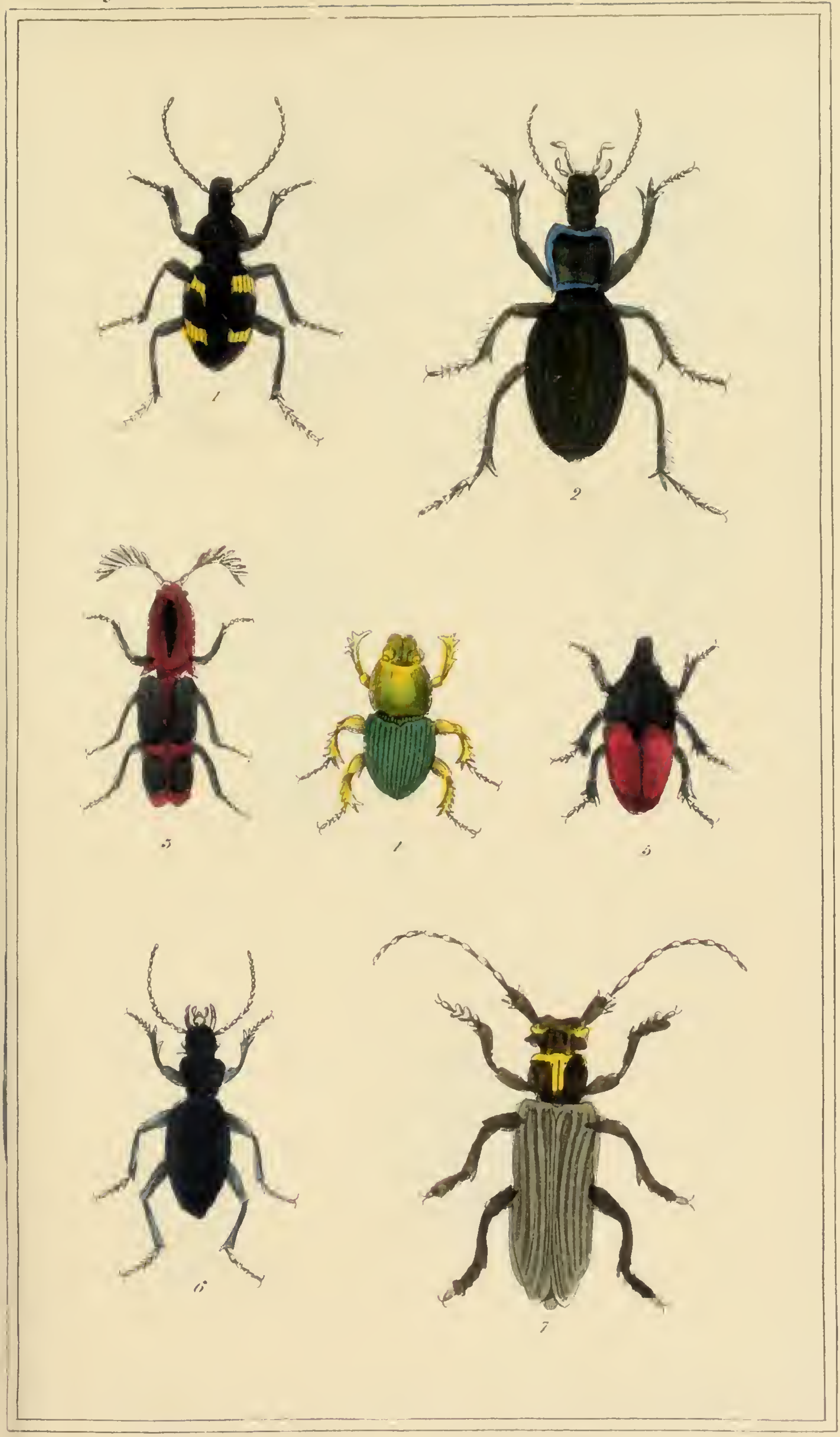

1 Panagæus quadrimaculatus 2 Pamborus alternans
3 Elater bicruciatus 4 Onitis subflavus
5 Cetonia bicornis 6 Helluo costatus
7 Lamia venosa

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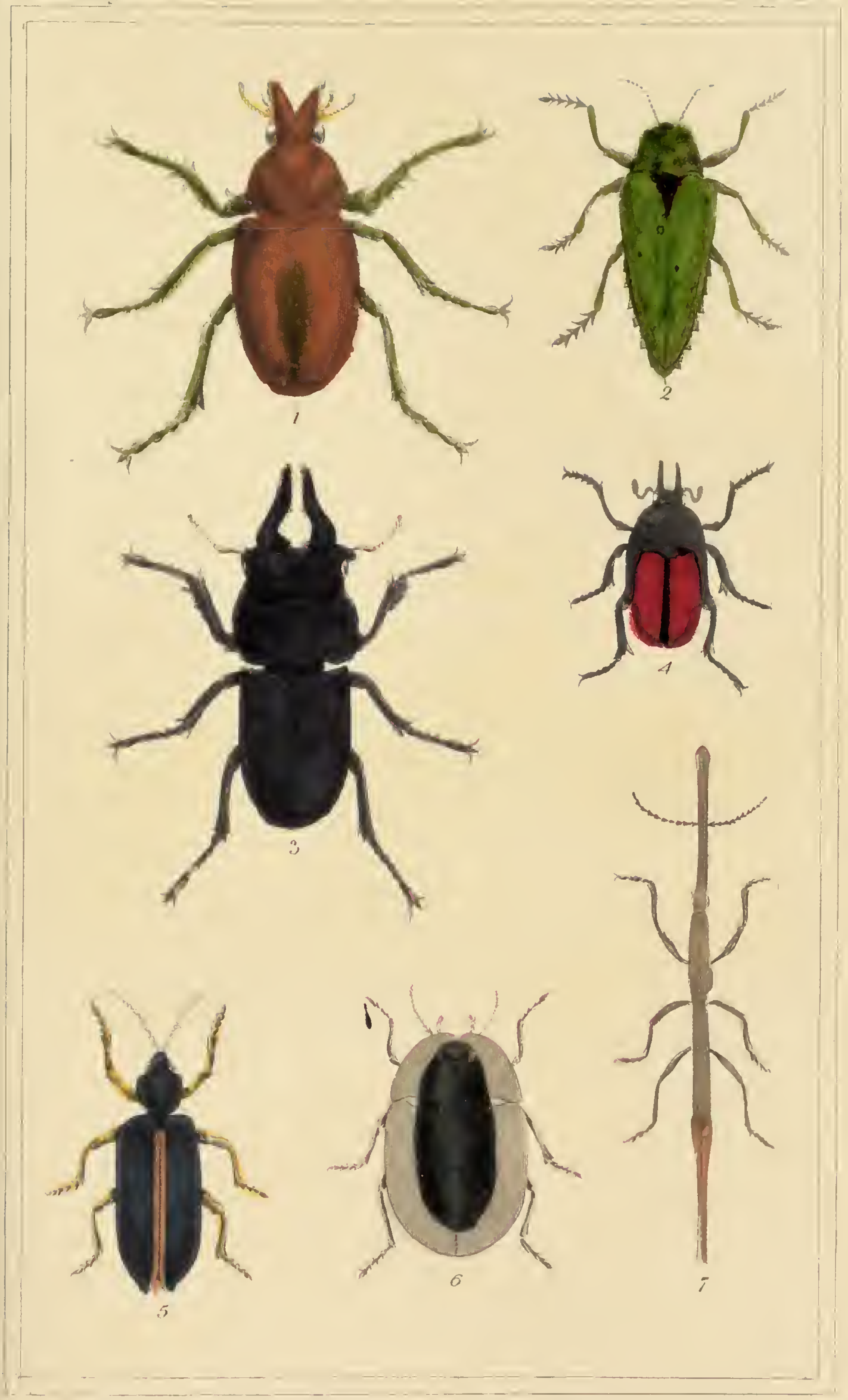

1 Goliath *barbicornis* (*The Horned Goliath*) 2 Buprestis *scutellatus* (*The armed Buprestis*)
3 Lucanus *serricornis* (*The serrated Lucanus*) 4 Cetonia *bicornis* (*The two horned Cetonia*)
5 Hispa *Marginata* (*The Marginated Chesnut Fly*) 6 Helæus *perforata* (*The perforated Helæus of New Holland*)
7 Brentus *Appendiculatus*

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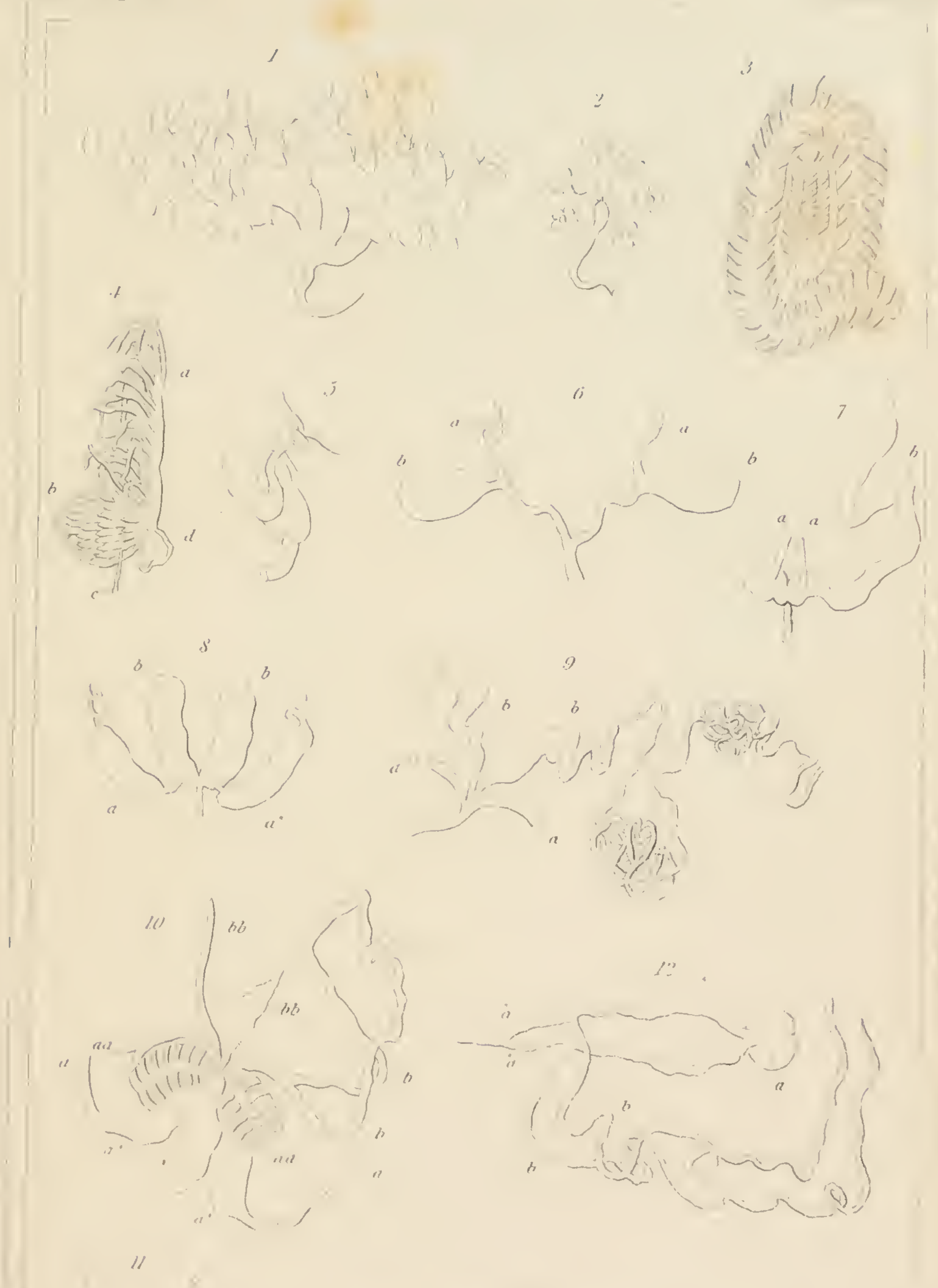

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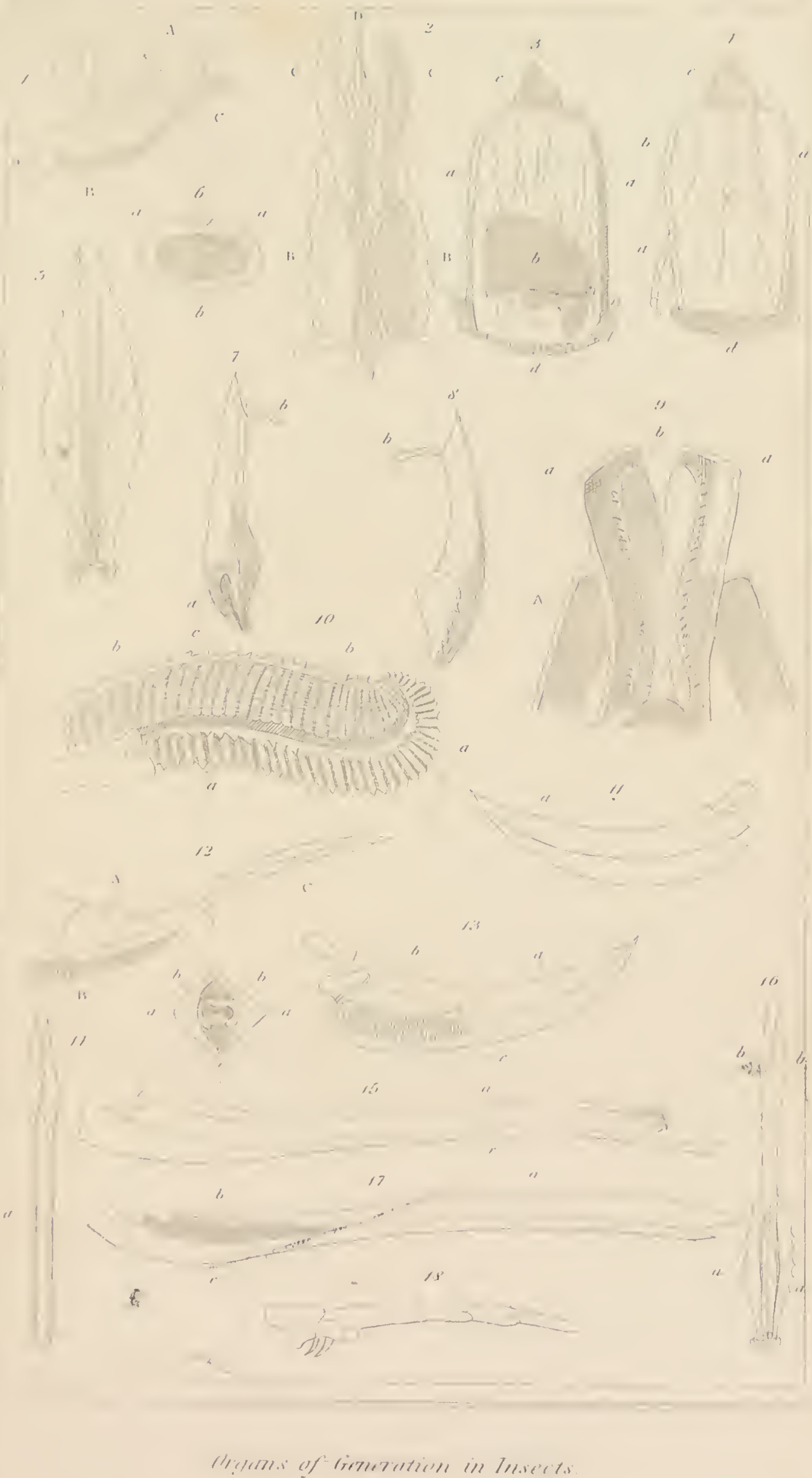

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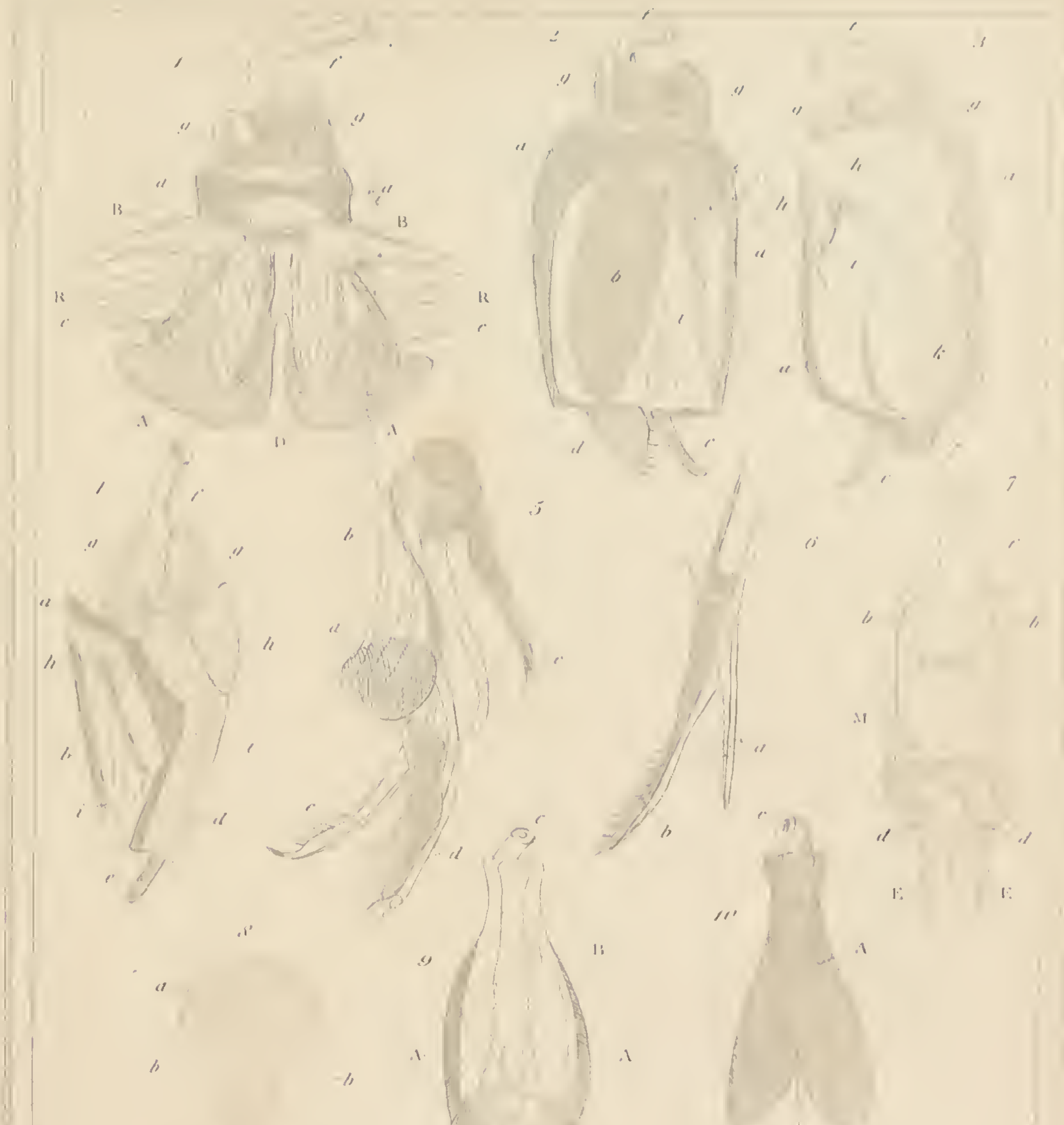

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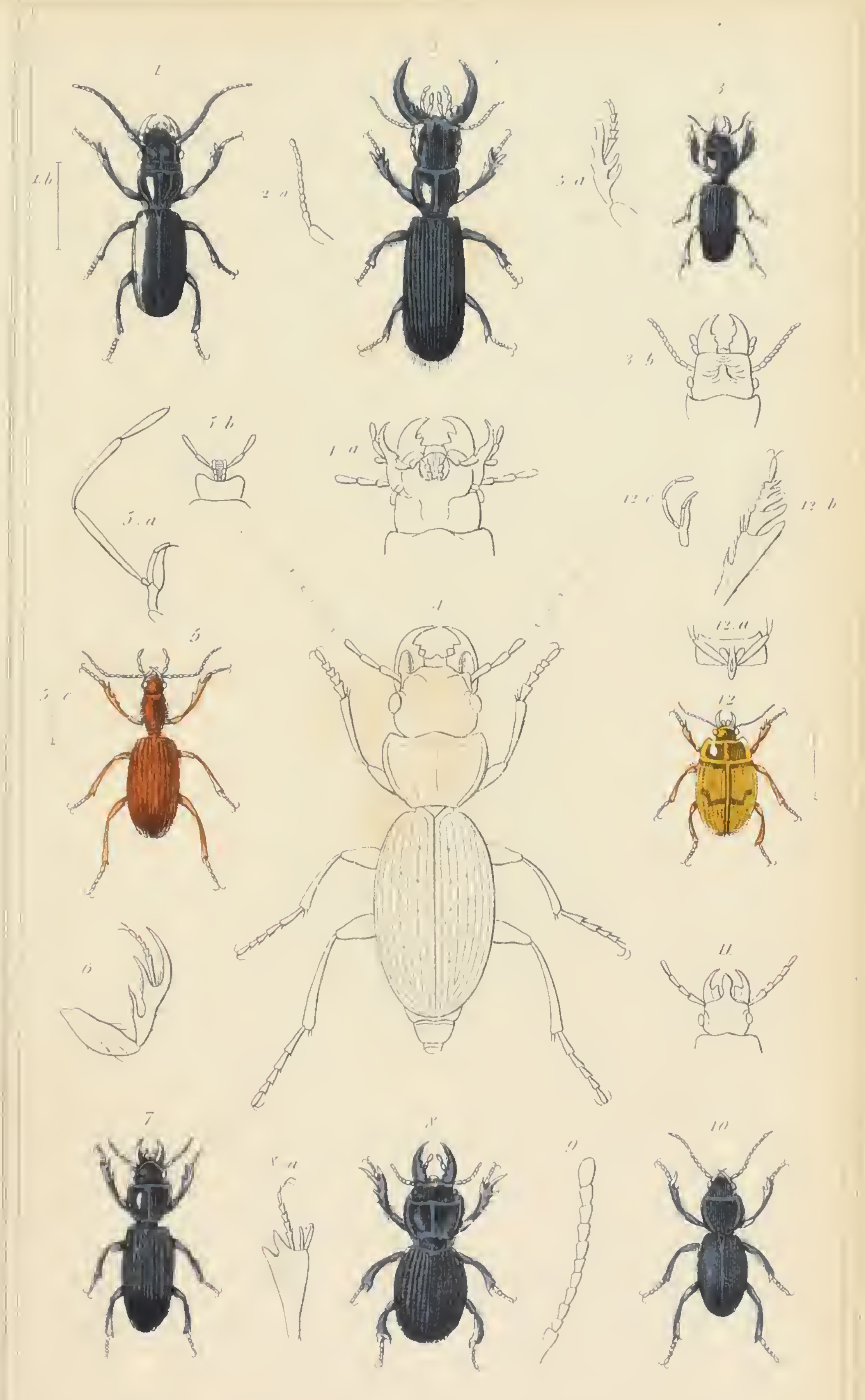

1. Siagona *Europaea, Dej.* 2. Oxystomus *Sanctae-Hilarii, Lat.* 3. Scapterus *Guerini, Dej.* 4. Enceladus *gigas, Bon.* 5. Apotomus *rufus, Latr.* 6. *Hinder foot of the* Dischirius *thoracicus, Latr.* 7. Morio *simplex, Dej.* 8. Acanthoscelis *ruficornis, Lat.* 9. *Antennae of the* Ozaena *Rogerii, Dej.* 10. Ditomus *violaceus, Latr.* 11. *Head of the* Ditomus *calydonius, Latr.* 12. Cyclosomus *flexuosus, Latr.*

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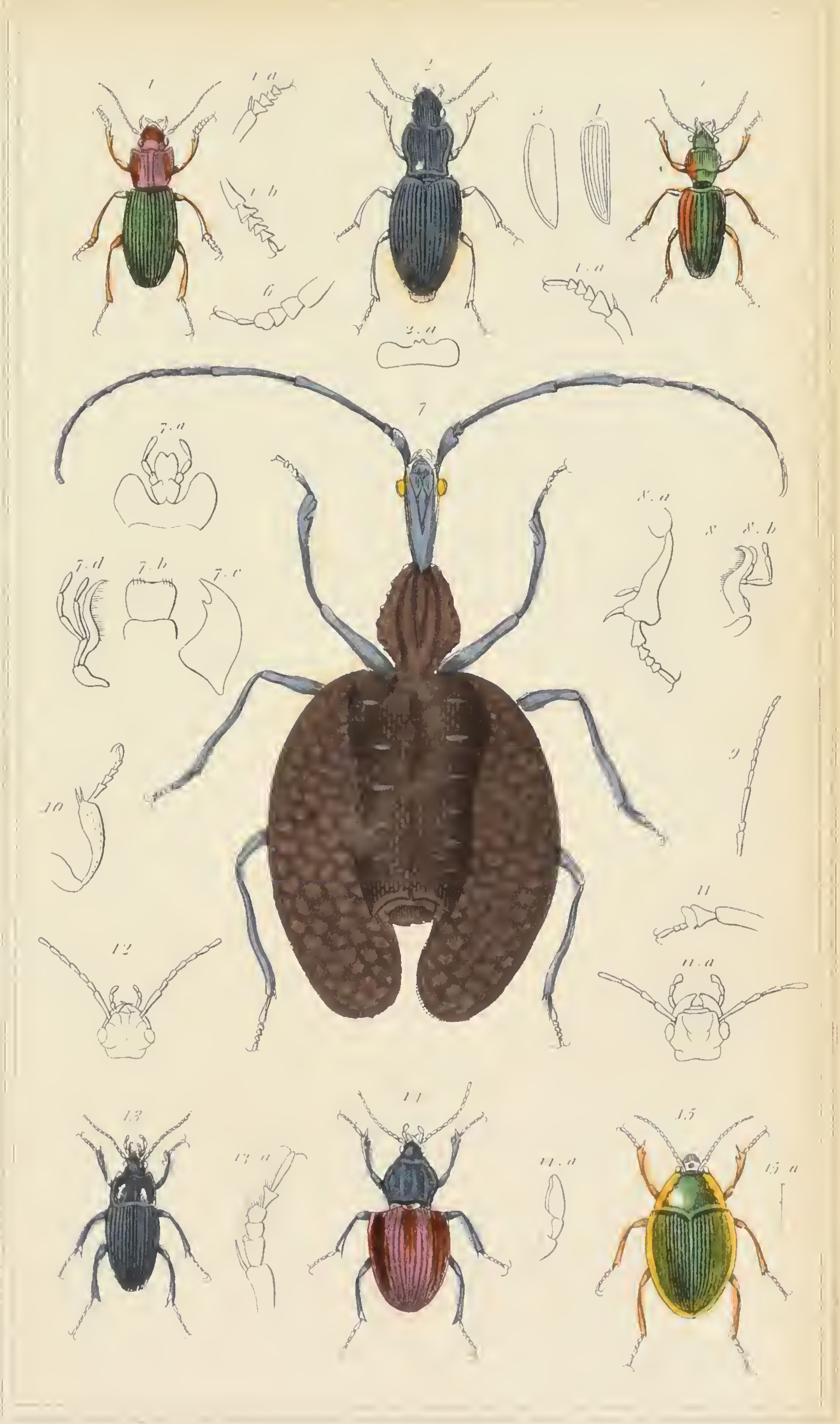

1. **Harpalus** *tricolor. Guér.* 2. **Trigonotoma** *viridicollis. Dej.* 3. *Elytra of the* **Feronia** *navarica. Latr.* 4. *Elytra & Tarsus of the* **Feronia** *melanaria. Lat.* 5. **Cephalotes** *rufipes. Lat.* 6. *Hinder Tarsus of the* **Patrobus** *rufipes male.* 7. **Mormolyce** *phyllodes. Hag.* 8. *Hinder foot & Jaw of the* **Zabrus** *gibbus. Lat.* 9. *Antennæ of the* **Sphodrus** *terricola. Lat.* 10. *Hinder foot of the* **Feronia** *hottentota. Lat.* 11. *Hinder Tarsus & foot of the* **Licinus** *agricola male.* 12. *Head of the* **Loricera** *spilicornis. Latr.* 13. **Centhia** *alaioides. Lat.* 14. **Panagæus** *fulgipennis. Lat.* 15. **Omophron** [illegible]

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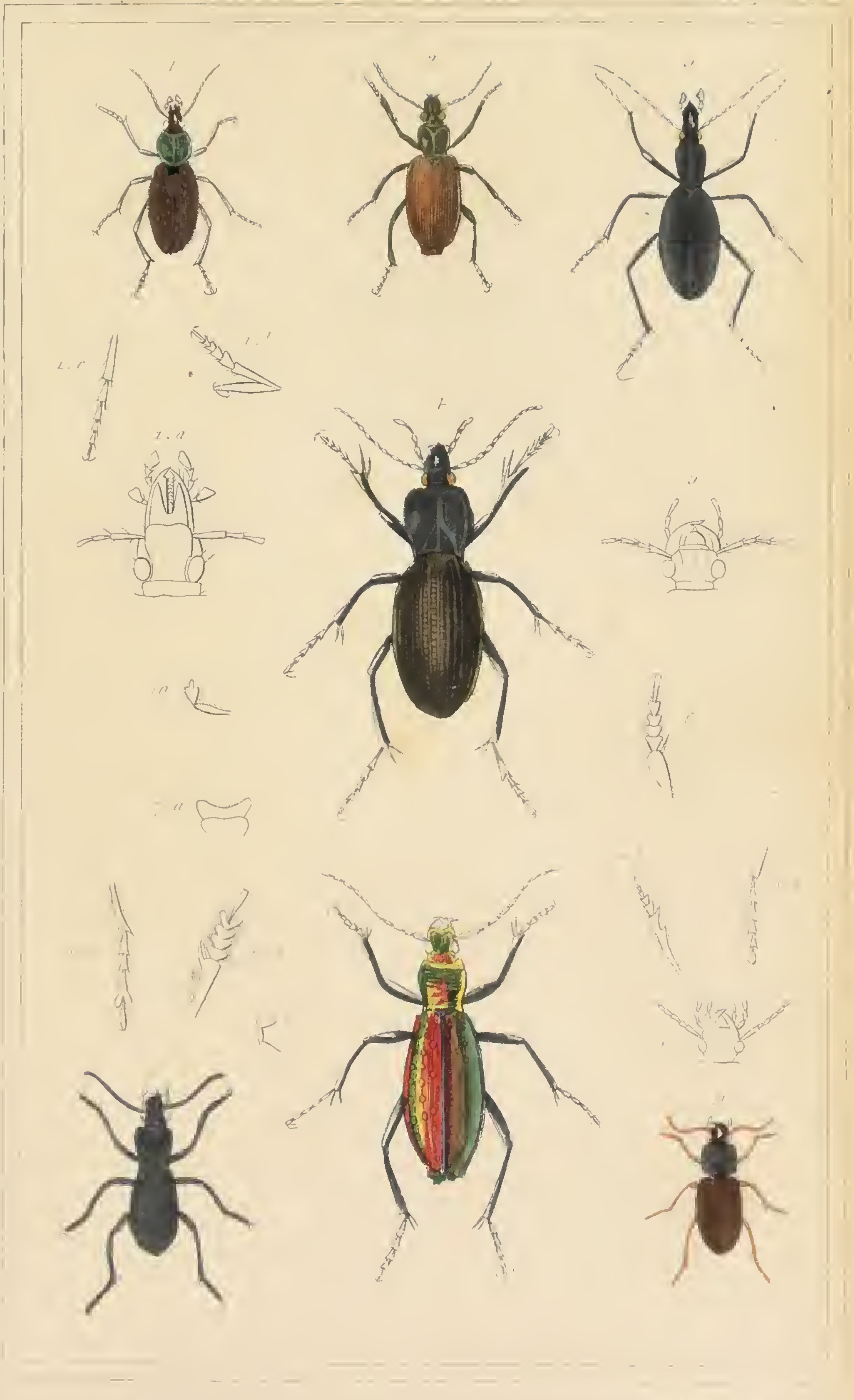
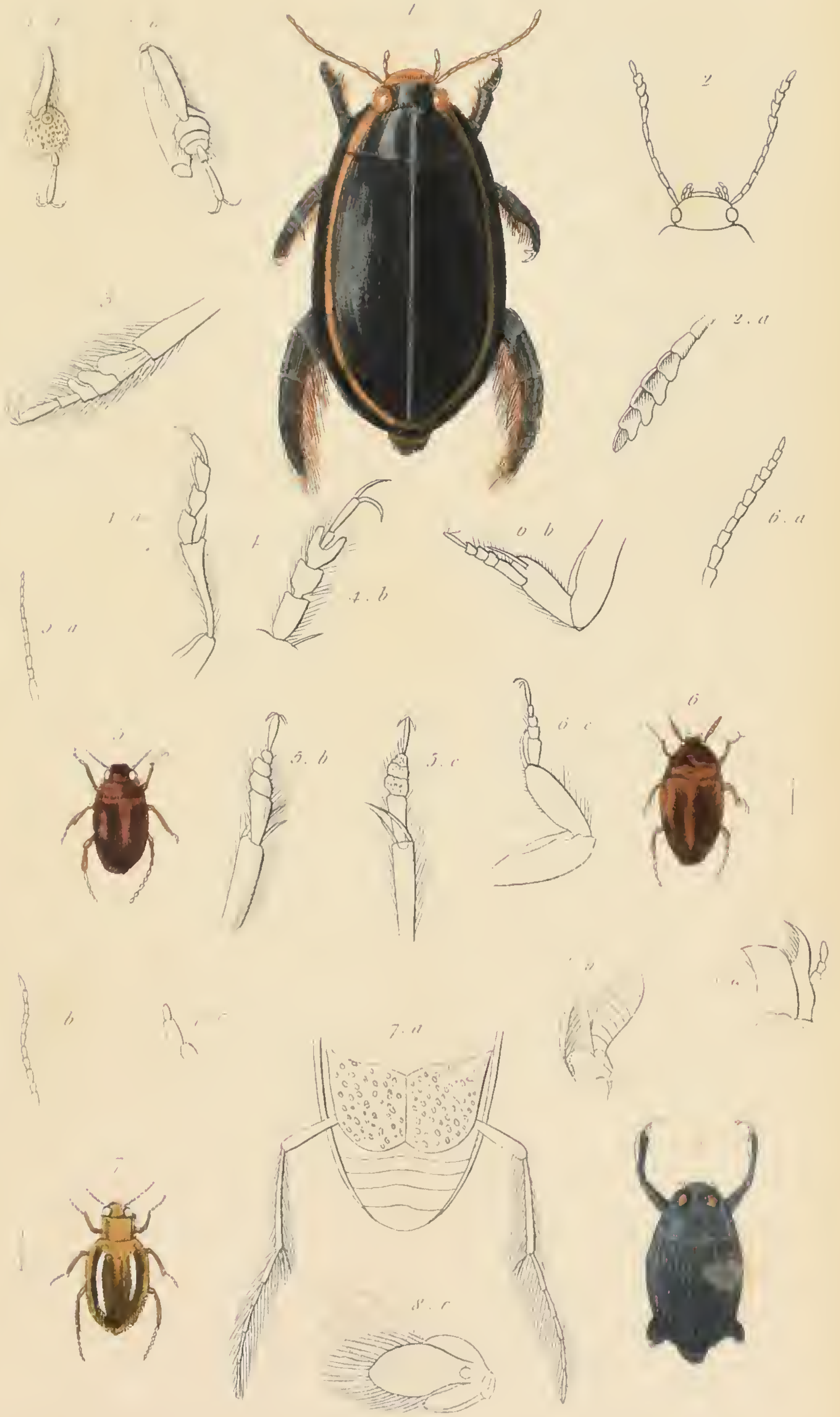
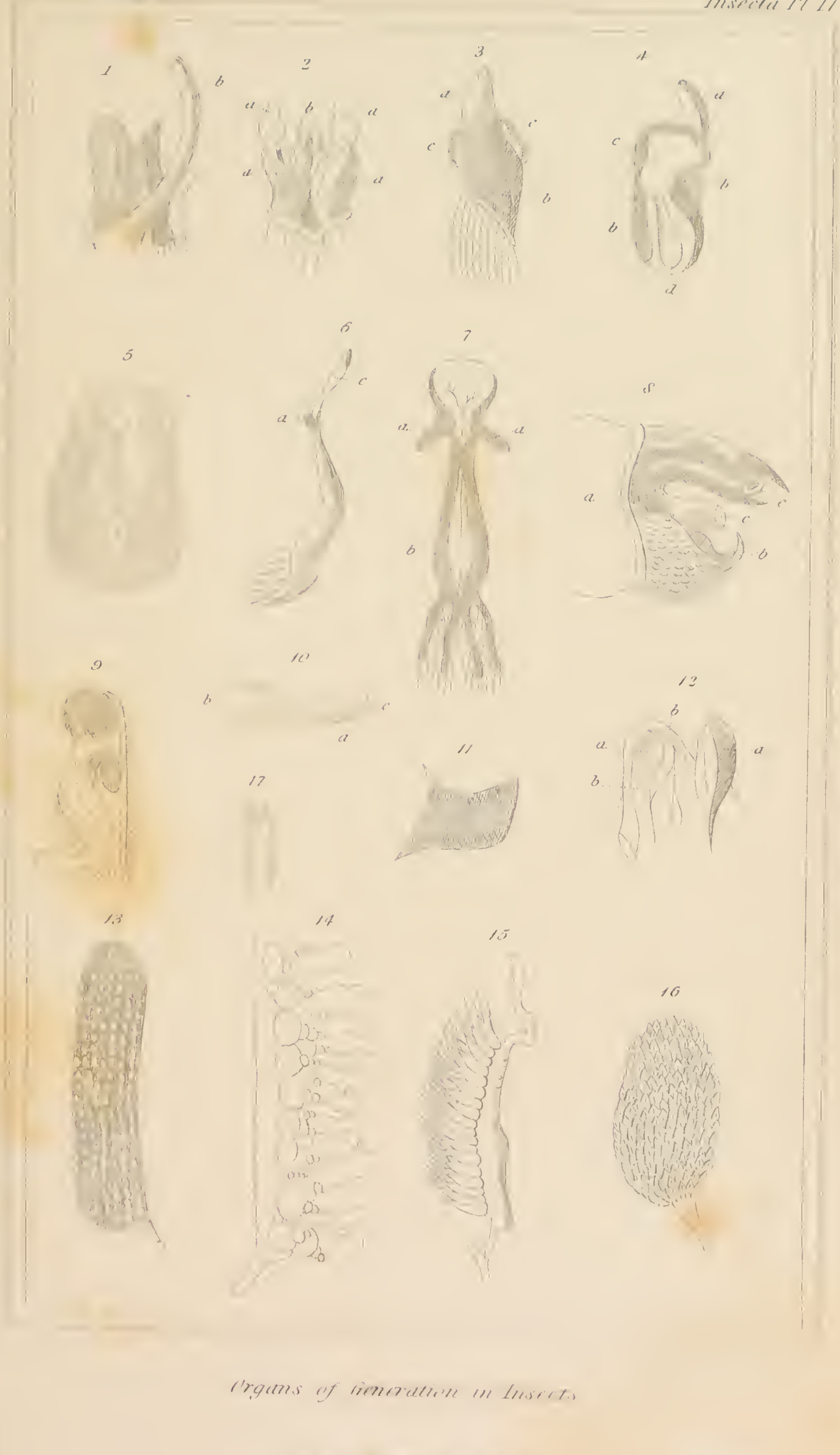


1 Sphaeroderus nitidicollis Chevrol. 2 Calosoma rufipenne. Dej. 3 Cychrus [illegible] 4 Pamborus *alternans. Lat.* 5 *Head of the* Pogonophorus 6. *Hinder Tarsus of the* Pelophila 7 [illegible] *lans. Lat.* 8 Pelecium *cyanipes. Kirby.* 9. Masoreus *luxatus. Dej.* 10 *Palpi of the genus* Bembidion



1. Dytiscus *Lherminieri. Cuvr.* 2. Dytiscus *serricornis. Payk.* 3. *Hinder feet of the* Colymbetes. 4. *Hinder foot of the* Hydroporus *planus. Latr.* 5. Hygrobia *Hermanni. Latr.* 6. Noterus *crassicornis. Clairv.* 7. Haliplus *elevatus.* 8. Gyrinus *sulcatus. Dej.*



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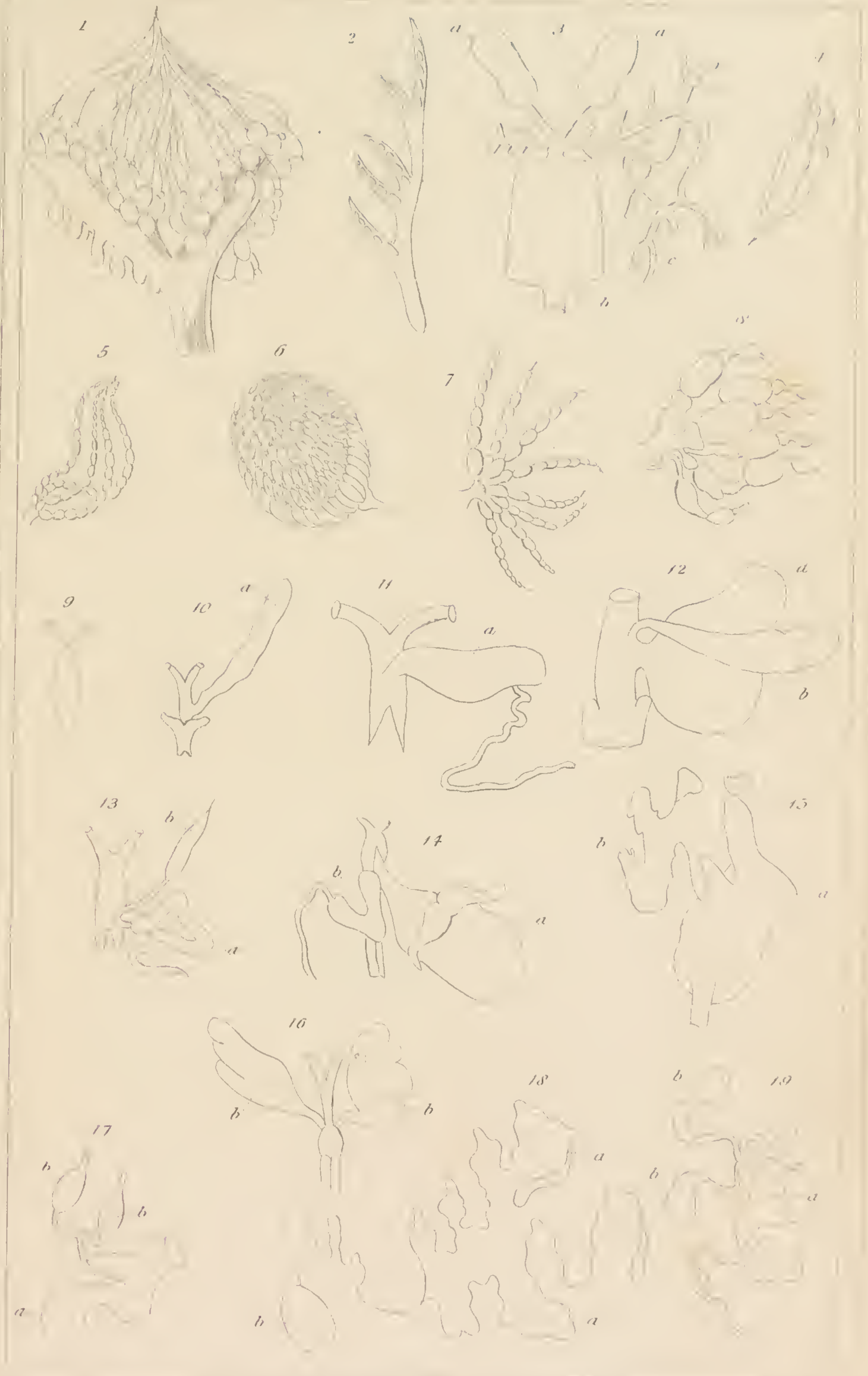

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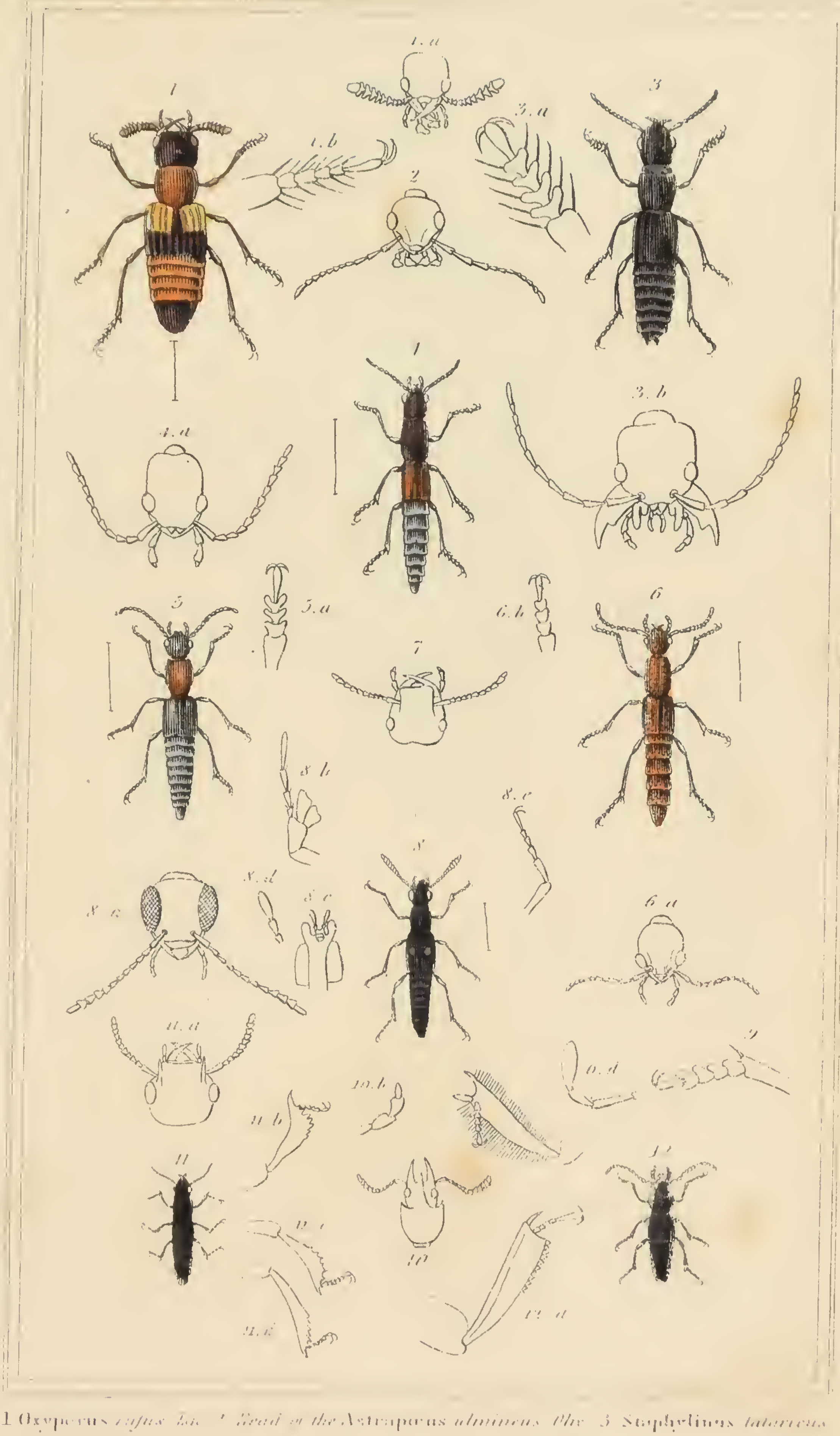

1 Oxyporus rufus Lin. 2 Head of the Astrapæus ulmineus Ros. 3 Staphylinus latericius Fisc. 4 Lathrobium elongatum Lin. 5 Paederus ruficollis Fab. 6 Procirrus Lefeburi Lat. 7. Head of the Evaesthetus 8 Stenus biguttatus Lin. 9 Anterior Tarsus of the Stilicus 10 Oxytelus tricornis Fab. 11 Osorius brasiliensis Guer. 10. Zyrophorus striatus Leach.

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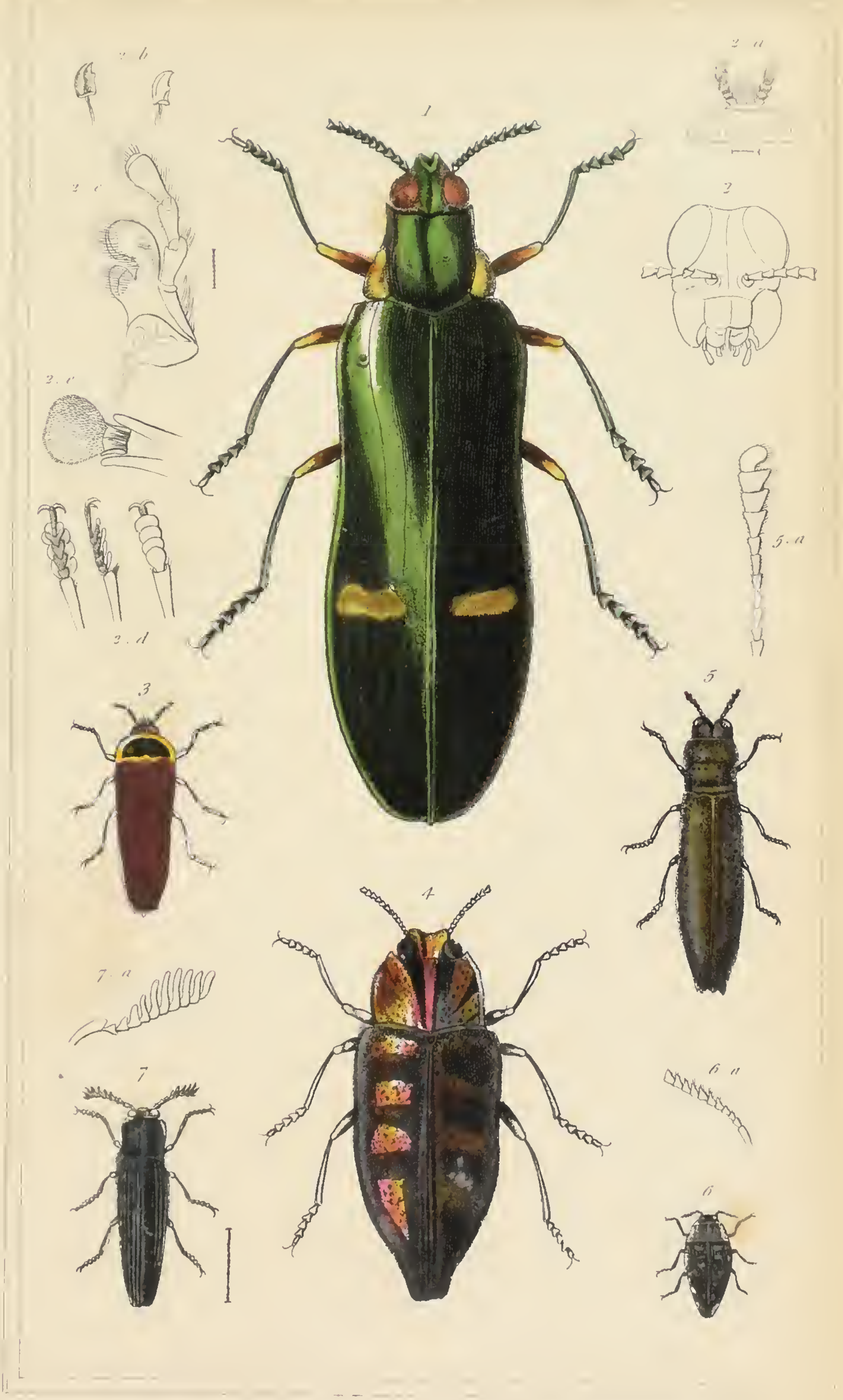

1. Buprestris *bicolor Lat.* 2. *Anatomy of the* Buprestris *gigas Fab.* 3. Buprestris *rubripennis Guer.*
4. Buprestris *Lalandii Guer.* 5. Aphanisticus *emarginatus. Lat.* 6. Trachys *cruentata Fab.*
7. Melasis *buprestoïde. Oliv.*

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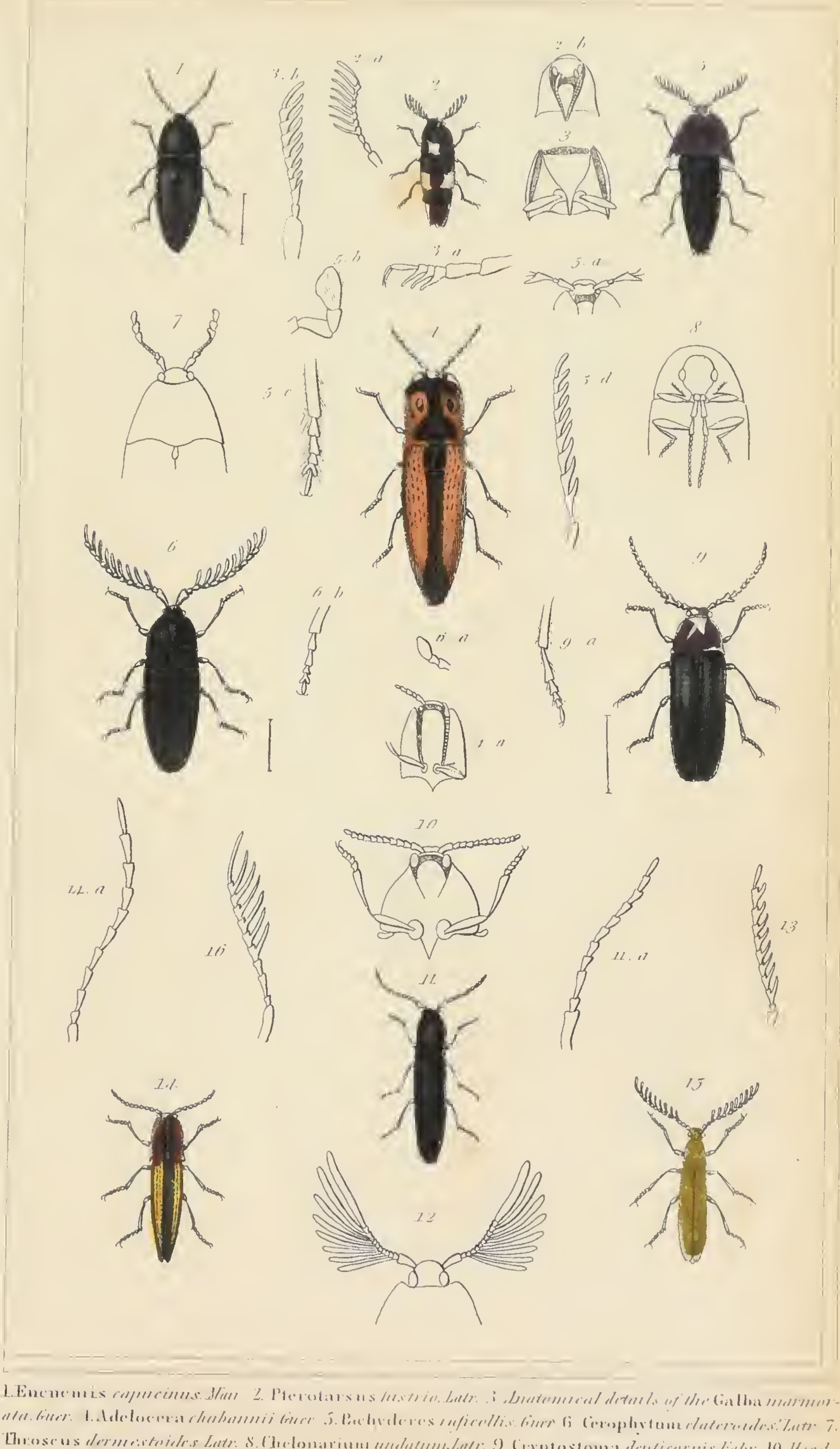

1. **Eucnemis** *capucinus. Man* 2. **Pterotarsus** *histrio. Latr.* 3. *Anatomical details of the* **Galba** *marmorata. Guer.* 4. **Adelocera** *chabannii Guer* 5. **Pachyderes** *ruficollis. Guer* 6. **Cerophytum** *elateroides? Latr* 7. **Throscus** *dermestoides Latr.* 8. **Chelonarium** *undatum. Latr.* 9. **Cryptostoma** *denticornis. Fabr.* 10. *Head & corselet of the* **Lobæderus** *monilicornis Guer* 11. **Nematodes** *filum. Latr.* 12. *Head of the* **Hemirhipus** *flabellicornis Latr* 13. *Antennæ of the* **Ctenicera** *hæmatodes Latr* 14. **Elater** *plagiatus Germ* 15. **Campylus** *denticollis. Fischer* 16. *Antennæ of the* **Phyllocerus** *flavipennis Dej.*

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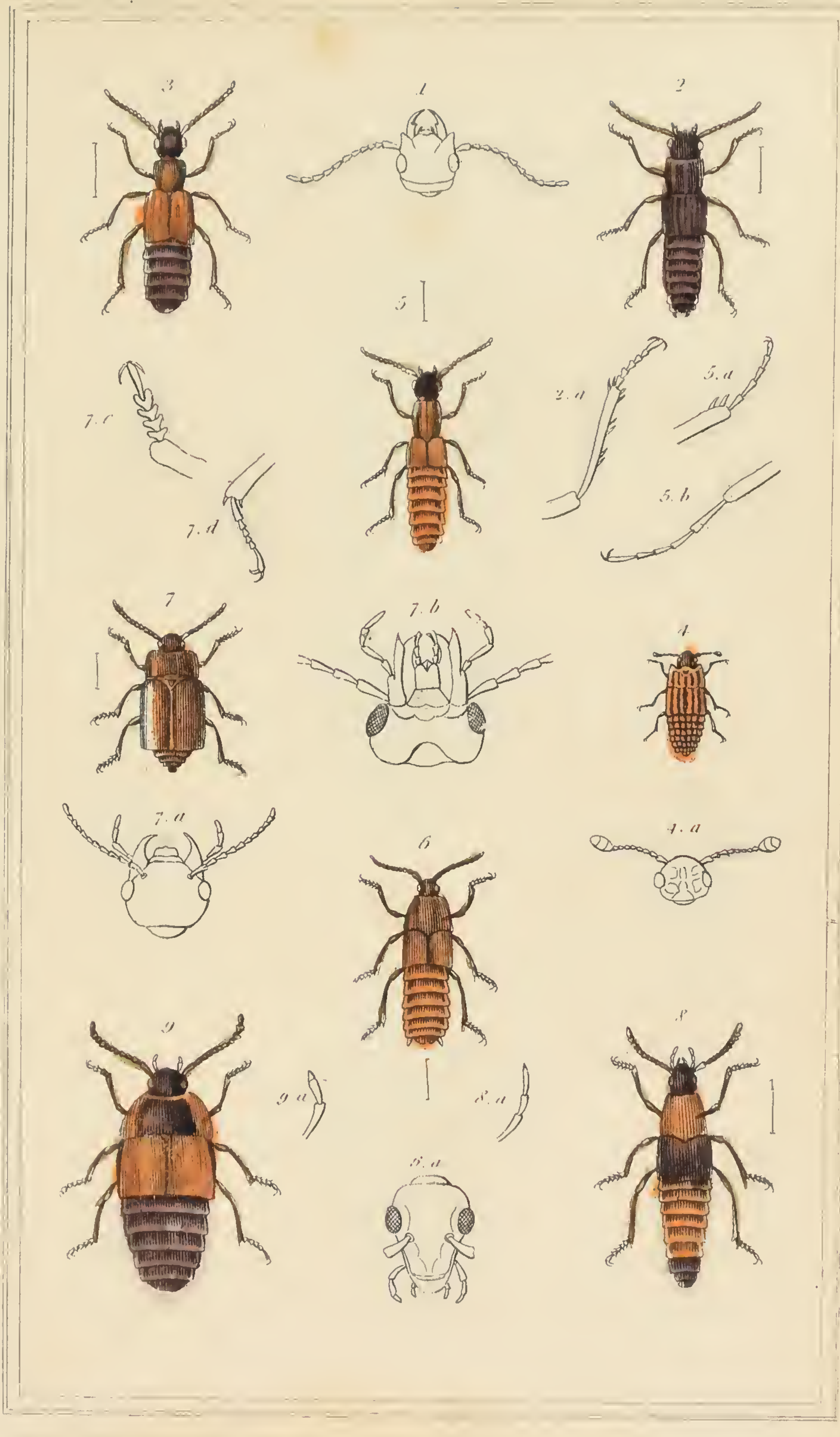

1. *Head of the* Prognatha *rufipenne. Lat.* 2. Coprophilus *rugosus Grav.* 3. Lesteva *dichroa. Latr.*
4. Micropeplus *maillei. Dej.* 5. Aleochara *canaliculata. Fab.* 6. Lomechusa *paradoxa. Grav.*
7. Omalium *blattoides Grav.* 8. Tachinus *atricapillus Fab.* 9. Tachiporus *marginatus Grav.*

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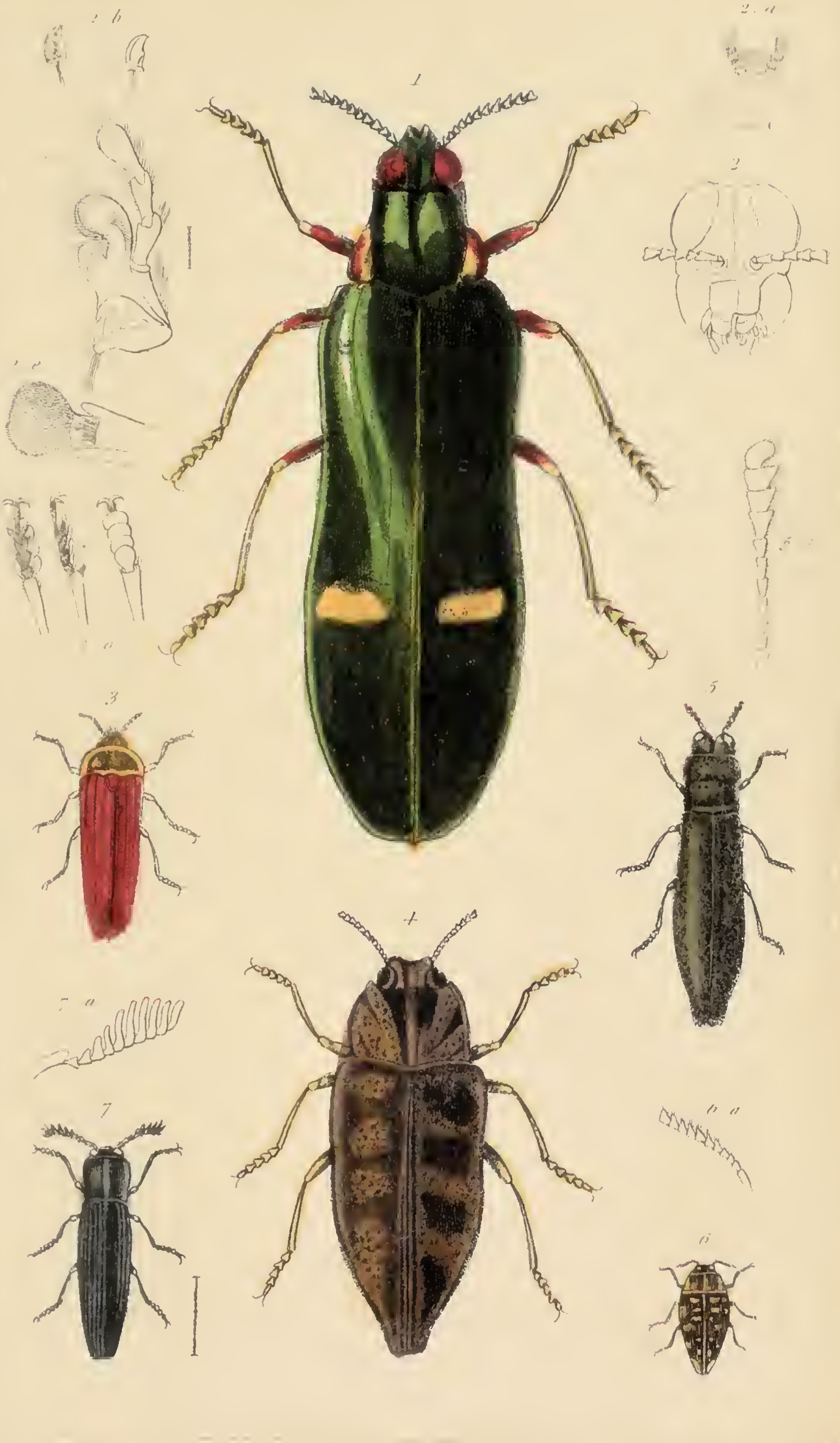

1 Buprestris *bicolor Lat.* 2 *Anatomy of the* Buprestris *gigas Fab.* 3 Buprestris *rubripennis Guer.*

4 Buprestris *Lalandii Guer.* 5 Aphanisticus *emarginatus Lat.* 6 Trachys *cruentata Fab.*

7 Melasis *buprestoide Oliv.*

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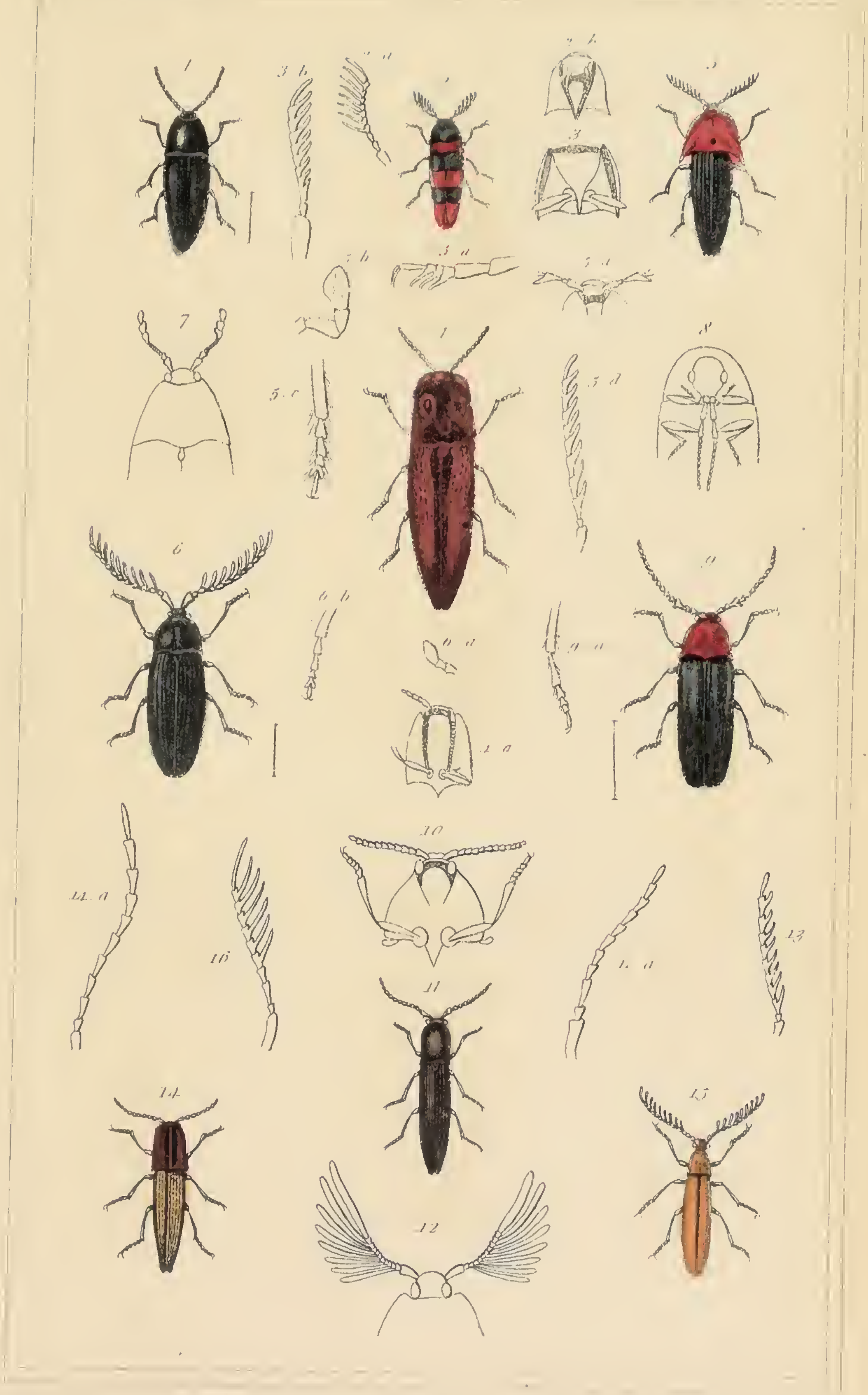

1. Eucnemis *capucinus. Man.* 2. Pterotarsus *histrio Latr.* 3. *Anatomical details of the* Galba *marmorata. Guer.* 4. Adelocera *chabannii Guer.* 5. Pachyderes *ruficollis. Guer.* 6. Cerophytum *elateroides. Latr.* 7. Throscus *dermestoides. Latr.* 8. Chelonarium *undatum. Latr.* 9. Cryptostoma *denticornis. Fabr.* 10. *Head & corselet of the* Lobaederus *monilicornis Guer.* 11. Nematodes *filum. Latr.* 12. *Head of the* Hemirrhipus *flabellicornis Latr.* 13. *Antennae of the* Ctenicera *haematodes Latr.* 14. Elater *plagiatus Germ.* 15. Campylus *denticollis Fischer.* 16. *Antennae of the* Phyllocerus *flavipennis Dej.*

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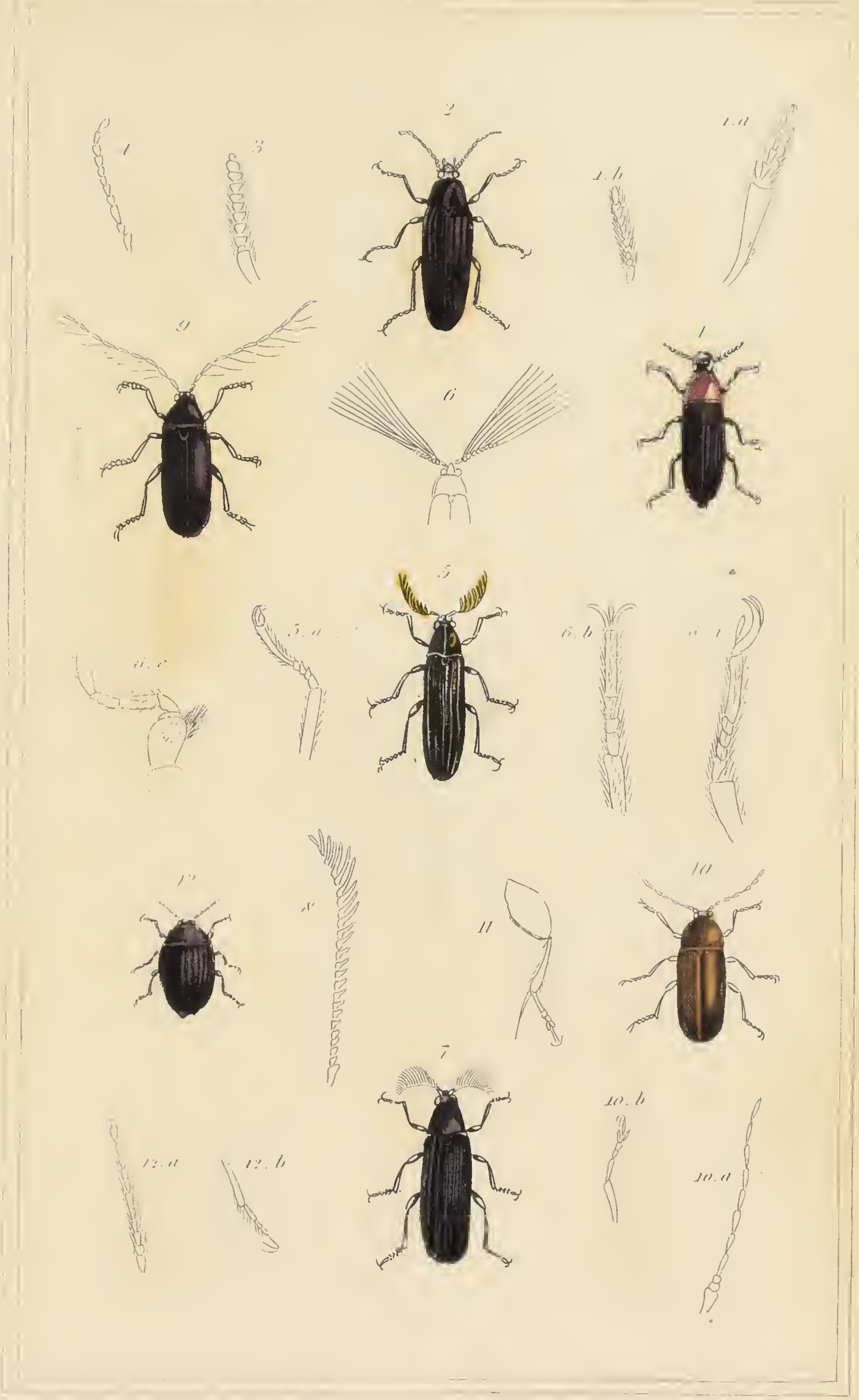

1 **Physodactylus** *Henningii Fisch.* 2 **Cebrio** *fuscus. Gory.* 3. *Antenna of the* **Cebrio** *gigas, fem.* 4. *Antenna of the* **Anelastes** *Drurii Kirby.* 5. **Callirhipis** *Goryi. Guérin.* 6. *Anatomical details of the* **Callirhipis** *Dejeanii. Latr.* 7. **Rhipicera** *cyanea. Guér.* 8. *Antenna of the* **Rhipicera** *fem.* 9. **Ptilodactyla** *elaterina. Illig.* 10. **Elodes** *pallidus. Lat.* 11. *Hinder foot of the* **Scyrtes**. 12. **Eubria** *palustris. Germ.*

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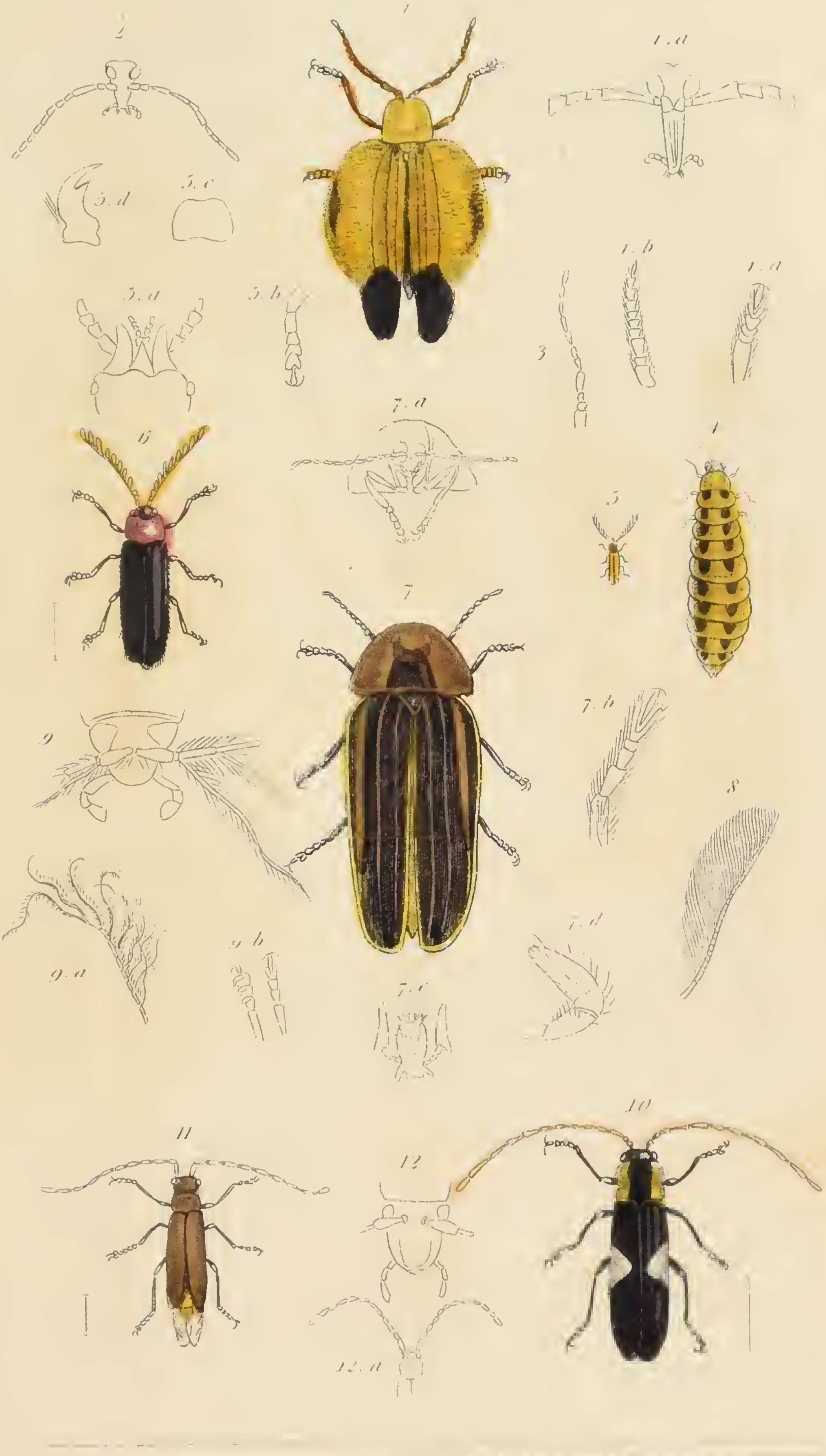

1. Lycus latissimus. Fab. 2. Head of the Dictyoptera sanguinea. Latr. 3. Antennæ of the Omalisus suturalis. Geoff. 4. Drilus flavescens, female. 5. male of the same species as fig. four. 6. Drilus ruficollis. Dej. 7. Lampyris Savignyi Kirby. 8. Antennæ of the Amydetes Hoff. 9. Anatomical details of the Cladophorus ruficollis. Guer. 10. Silus tricolor Guer. 11. Malthinus biguttatus. Oliv. 12. Anatomical details of the Cordylocera antennata. Guer.

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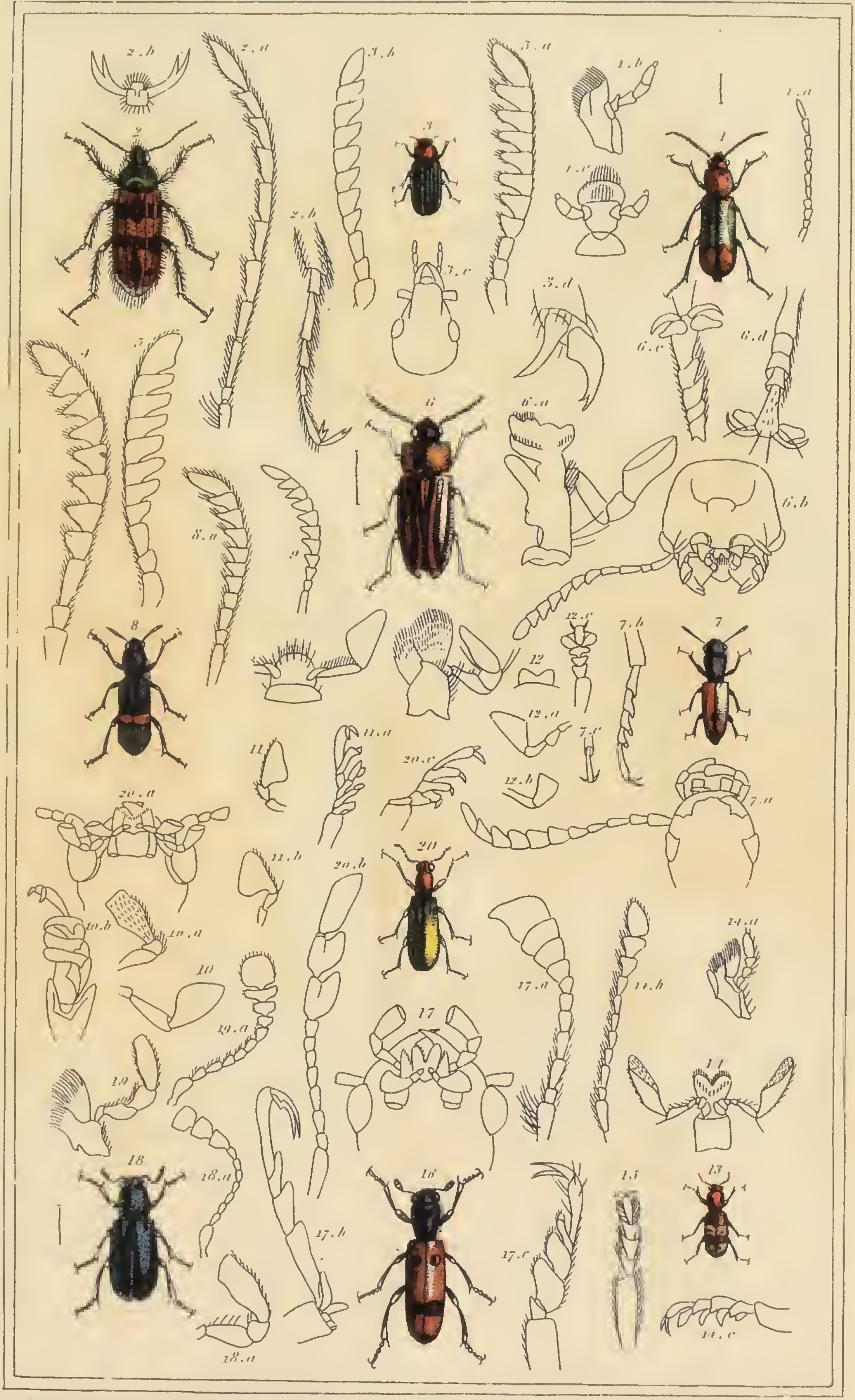

1. Malachius *ruficollis. Fab.* 2. Dasytes *trifasciatus. Guer.* 3. Zygia *oblonga. F.* 4. Melyris *viridis.* 5. Melyris *abdominalis. F.* 6. Pelecophora *nigrolineata. Guer.* 7. Cylidrus *Buquetii. Guer.* 8. Tillus *rubricollis. Guer.* 9. Tillus *unifasciatus. F.* 10. Priocera 11. Axiana 12. Eurypus. 13. Thanasimus *bombycinus. Chev.* 14. Thanasimus *formicarius. F.* 15. Opilo 16. Clerus *Olivieri. Chevr.* 17. Clerus *Alvearius. F.* 18. Necrobia *violacea. L.* 19. Necrobia *ruficollis. F.* 20. Enoplium *viridipenne. Kirby.*

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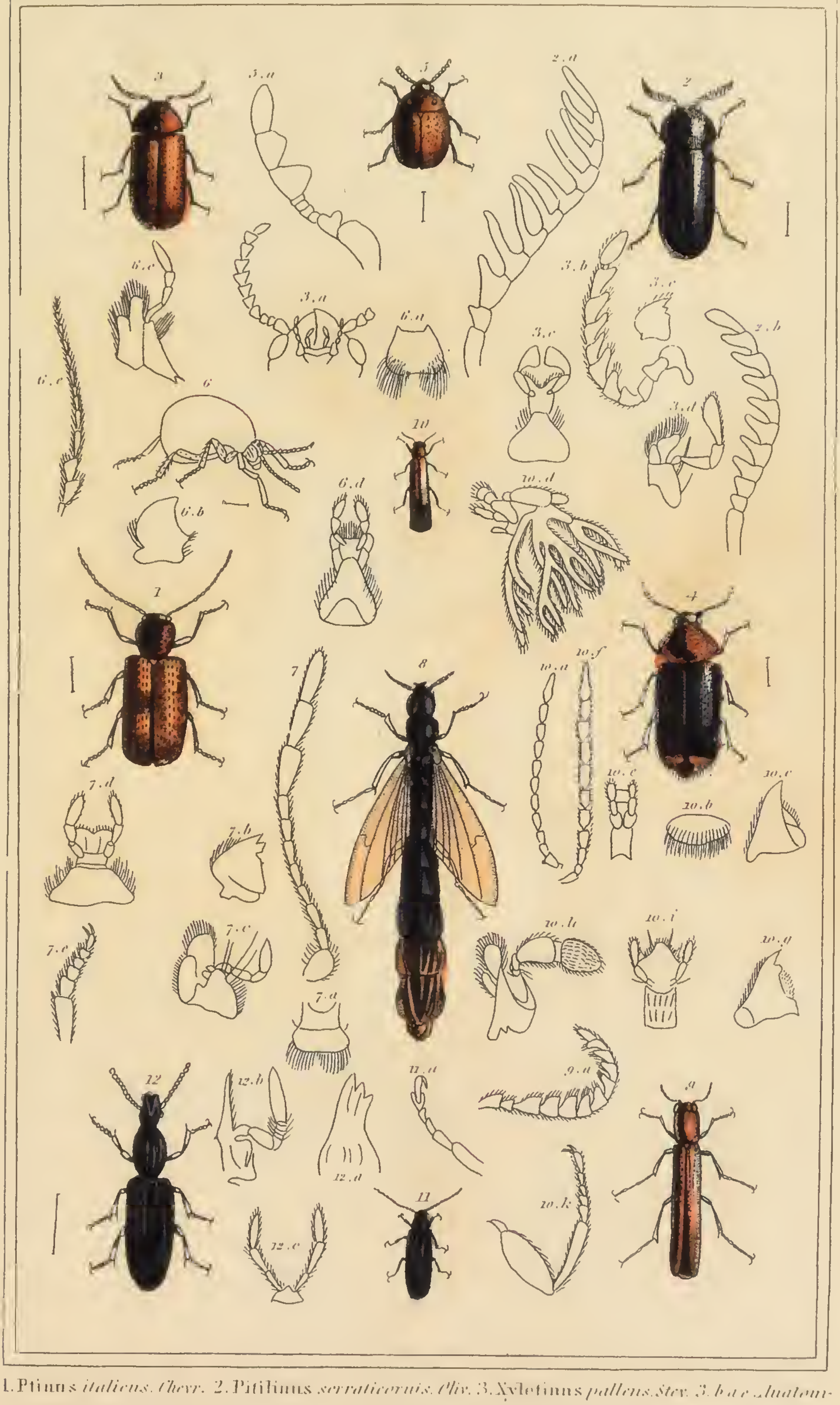

1. Ptinus *italicus. Chevr.* 2. Ptilinus *serraticornis. Oliv.* 3. Xyletinus *pallens. Stev.* 3. *b a c Anatomical details of the* Xyletinus *pectinatus. Fab.* 4. Ochina *sanguinicollis. Ziegl.* 5. Dorcatoma *rubens. Chev.* 6. Gibbium *scotias. Oliv.* 7. *Anatomical details of the* Anobium *pertinax. L.* 8. Atractocerus *meloeloides. Guer.* 9. Hylecoetus *Javanus. Chevr.* 10. Lymexylon *navale. Oliv.* 11. Cupes *capitata. F.* 12. Physodes *costatus. Chev.*

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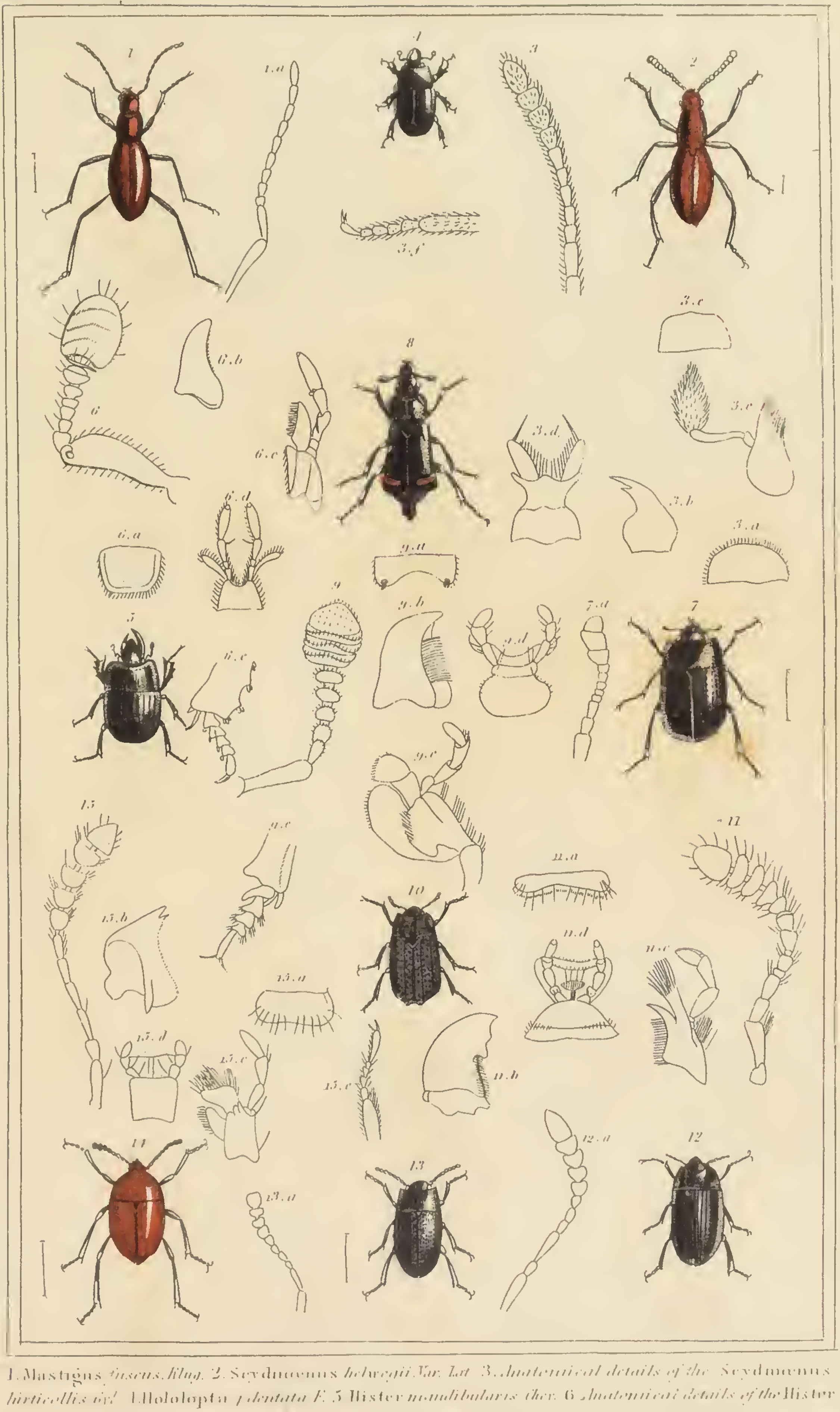

1. Mastigus *fuscus. Klug.* 2. Scydmænus *helwegii. Var. Lat.* 3. *Anatomical details of the* Scydmænus *hirticollis. Gyl.* 4. Hololepta *4 dentata F.* 5. Hister *mandibularis. Chev.* 6. *Anatomical details of the* Hister *4 maculatus L.* 7. Sphœrites *glabratus. F.* 8. Necrophorus *maritimus. Eschsch.* 9. Necrophorus *germanicus. L.* 10. Silpha *granigera. Chevr.* 11. Necrodes *littoralis. L.* 12. Necrophilus *hydrophiloides. Eschsch.* 13. Agyrtes *castaneus. F.* 14. Scaphidium *nigripes. Chevr.* 15. Scaphidium *4 maculatum. Oliv.*

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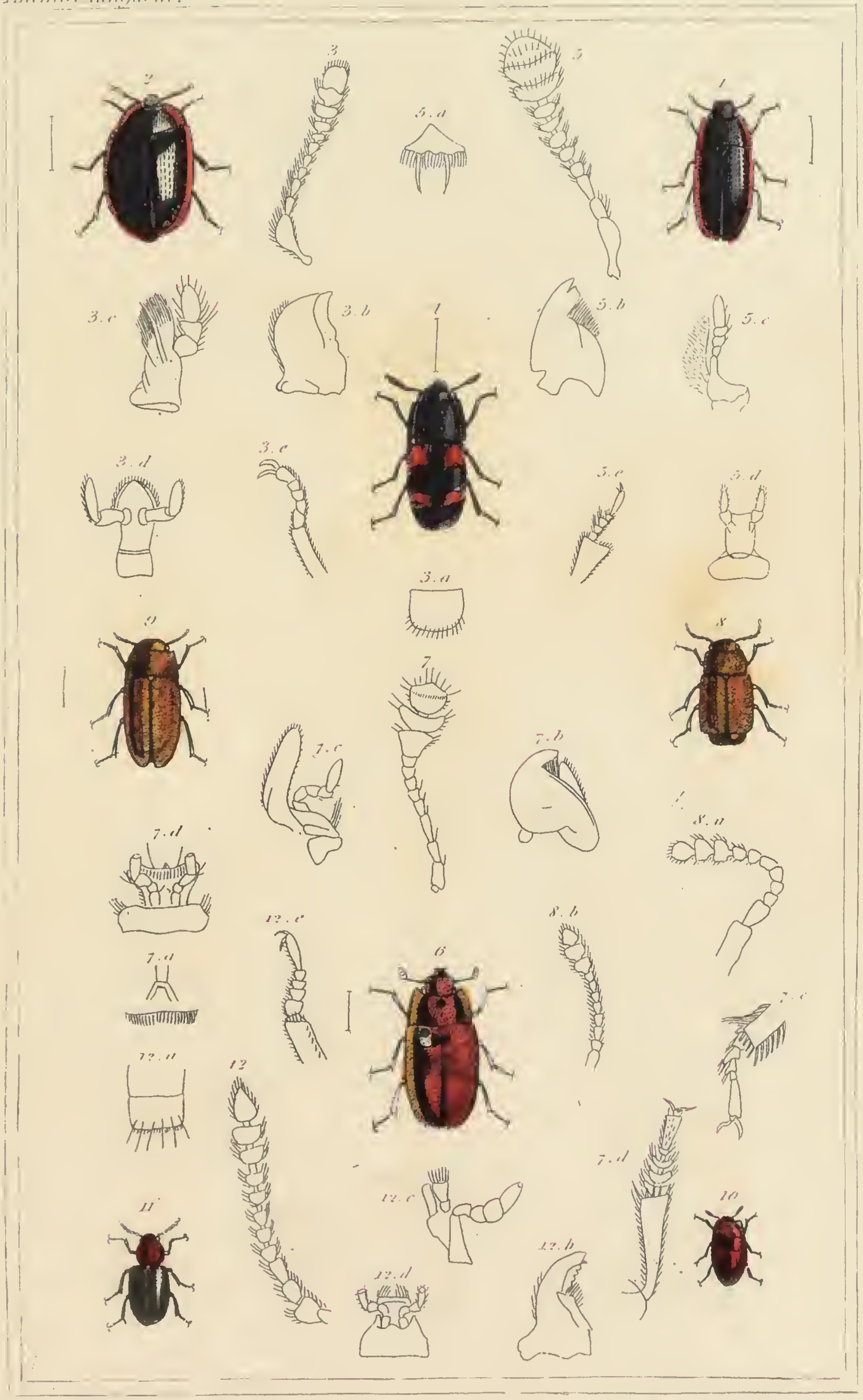

1. **Colobicus** *marginatus. Lat.* 2. **Thymalus** *marginicollis. Chev.* 3. *Anatomical details of the* **Thimalus** *limbatus. F.* 4. **Ips** *fasciata. Oliv.* 5. *Anatomical details of the* **Ips** *4 punctata. Herbst.* 6. **Nitidula** *peruviana. Guer.* 7. *Anatomical details of the* **Nitidula** *imperialis. F.* 8. **Cercus** *pulicarius. Lat.* 9. **Byturus** *tomentosus. F.* 10. **Dacne** *femoralis. Chevr.* 11. **Cryptophagus** *nigripennis. Payk.* 12. *Anatomical details of the* **Cryptophagus** *populi. Payk.*

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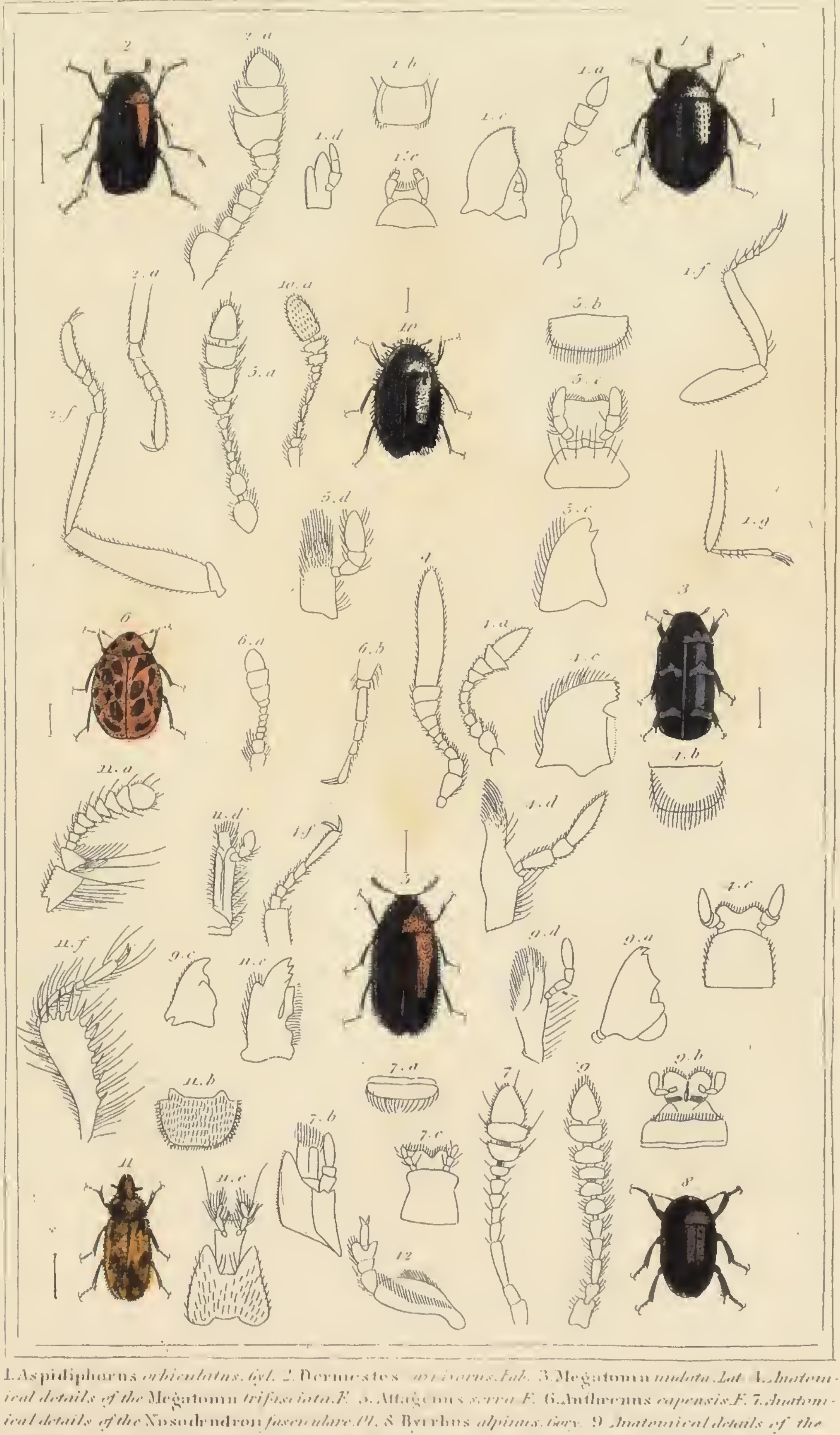

1. **Aspidiphorus** *orbiculatus. Gyl.* 2. **Dermestes** *carnivorus. Fab.* 3. **Megatoma** *undata. Lat.* 4. *Anatomical details of the* **Megatoma** *trifasciata. F.* 5. **Attagenus** *serra. F.* 6. **Anthrenus** *capensis. F.* 7. *Anatomical details of the* **Nosodendron** *fasciculare. Ol.* 8. **Byrrhus** *alpinus. Gory.* 9. *Anatomical details of the* **Byrrhus** *Dennii. Kirb.* 10. **Trinodes** *hirtus. F.* 11. **Heterocerus** *marginatus. Fab.* 12. *Foot of the* **Byrrhus** *concolor. Sturm.*

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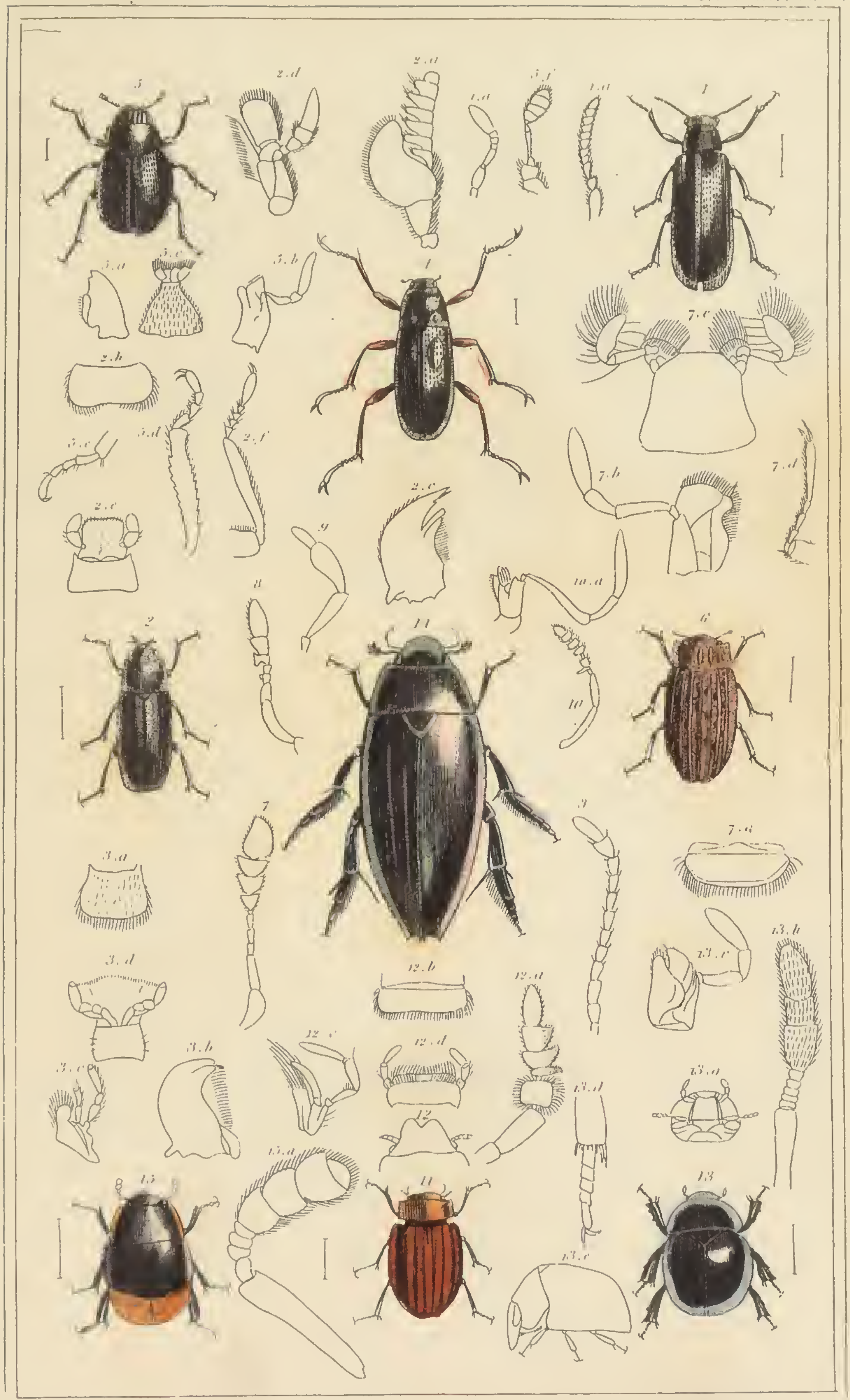

1 Potamophilus *orientalis. Guér.* 2. Dryops *prolifericornis. Fab.* 3. *Anatomical details of the* Elmis *Volckmari. Panz.* 4 Macronychus *4 tuberculatus. Mul.* 5 Georissus *pygmaeus. Gyl.* 6 Elophorus *nubilus. Fab.* 7. *Anatomical details of the* Elophorus *fennicus. Payk.* 8. *Antenna of the* Hydrochus *elongatus. Fab.* 9. *Palpi of the* Ochthebius *hybernicus. Curt.* 10. *Anatomical details of the* Hydraena *testacea Curt.* 11 Spercheus *sulcatus. Guér.* 12. *Anatomical details of the* Spercheus *emarginatus. Fab.* 13. Globaria *nitida. Guér.* 14 Hydrophilus *spinipennis. Guér.* 15. Sphaeridium *dimidiatum. Guér.*

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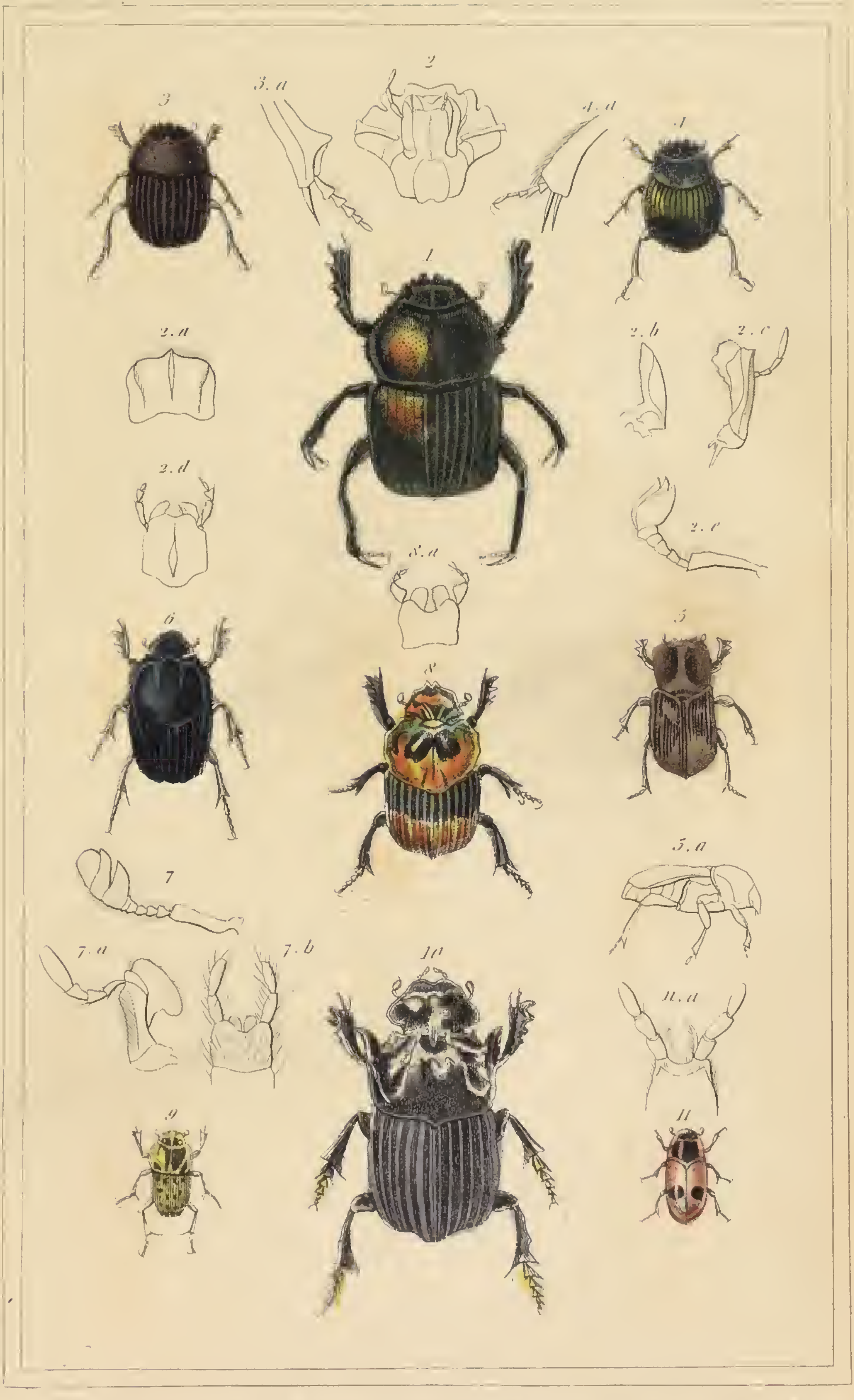

1. Atenchus *Ægyptiorum. Latr.* 2. *Anatomical details, of the* Atenchus *sacer. Latr.* 3. Circellium *hemisphericum. Latr.* 4. Coprobius *viridis. Latr.* 5. Eurysternus *fœdus. Guér.* 6. Ontophagus *rarus. Guér.* 7. *Anatomical details of the* Ontophagus *vacca. Latr.* 8. Phaneus *imperator. Chevrol.* 9. Oniticellus *formosus. Chevr.* 10. Copris *bellator. Chevr.* 11. Aphodius *bipunctatus. Fabr.*

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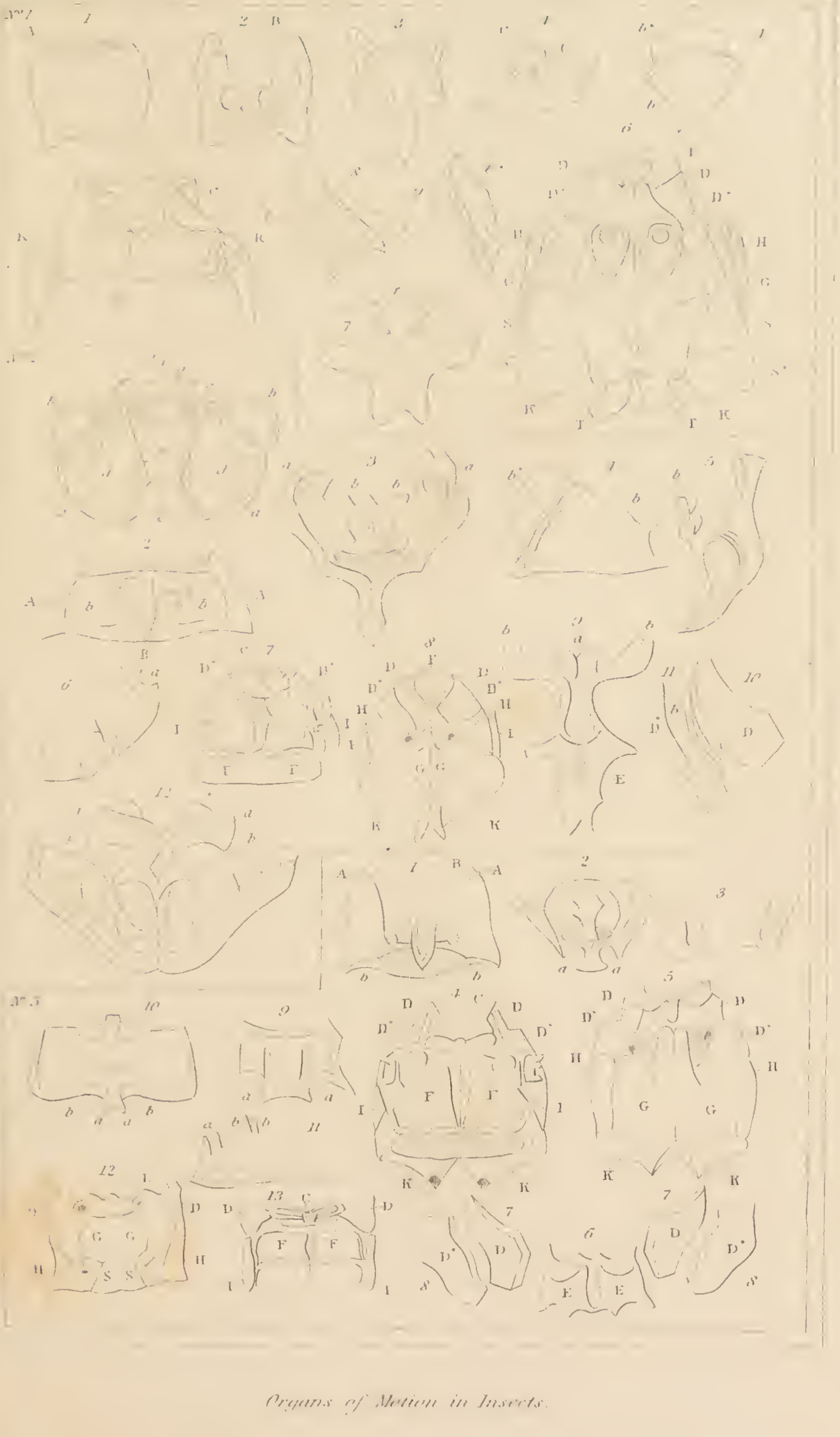

Organs of Motion in Insects.

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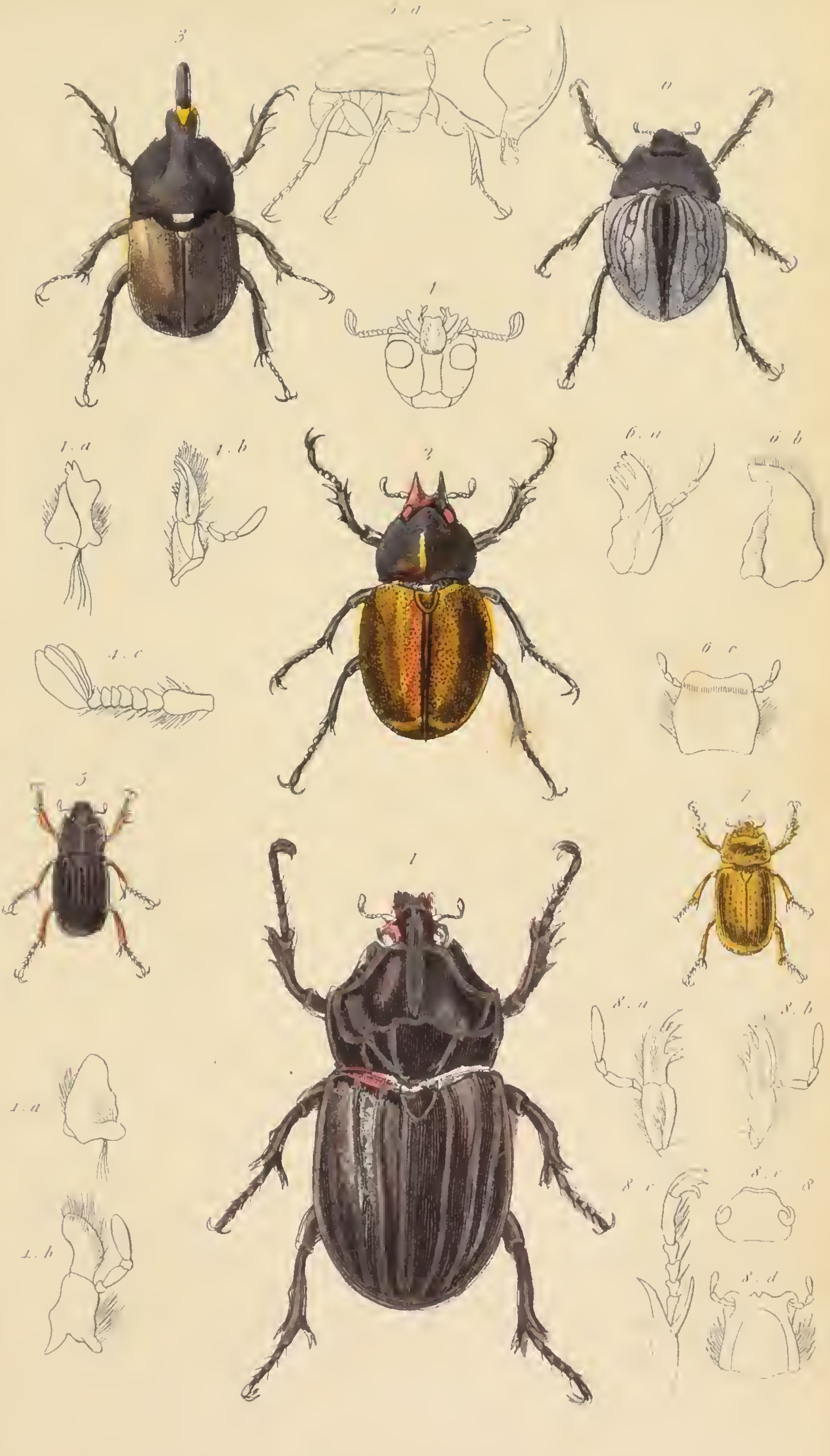

1 Oryctes *Chevrolatii. Guér.* 2. Agacephala *furcata. Guér.* 3 Scarabaeus *mentor. Guér.* 4. *Anatomical details of the* Scarabaeus *gedeon. Fabr.* 5 Phileurus *cribratus. Chevr.* 6 Hexodon *reticulatus. Olivier.* 7 Cyclocephala *frontalis. Chevr.* 8 *Anatomical details of the* Cyclocephala *geminata. Fabr.*

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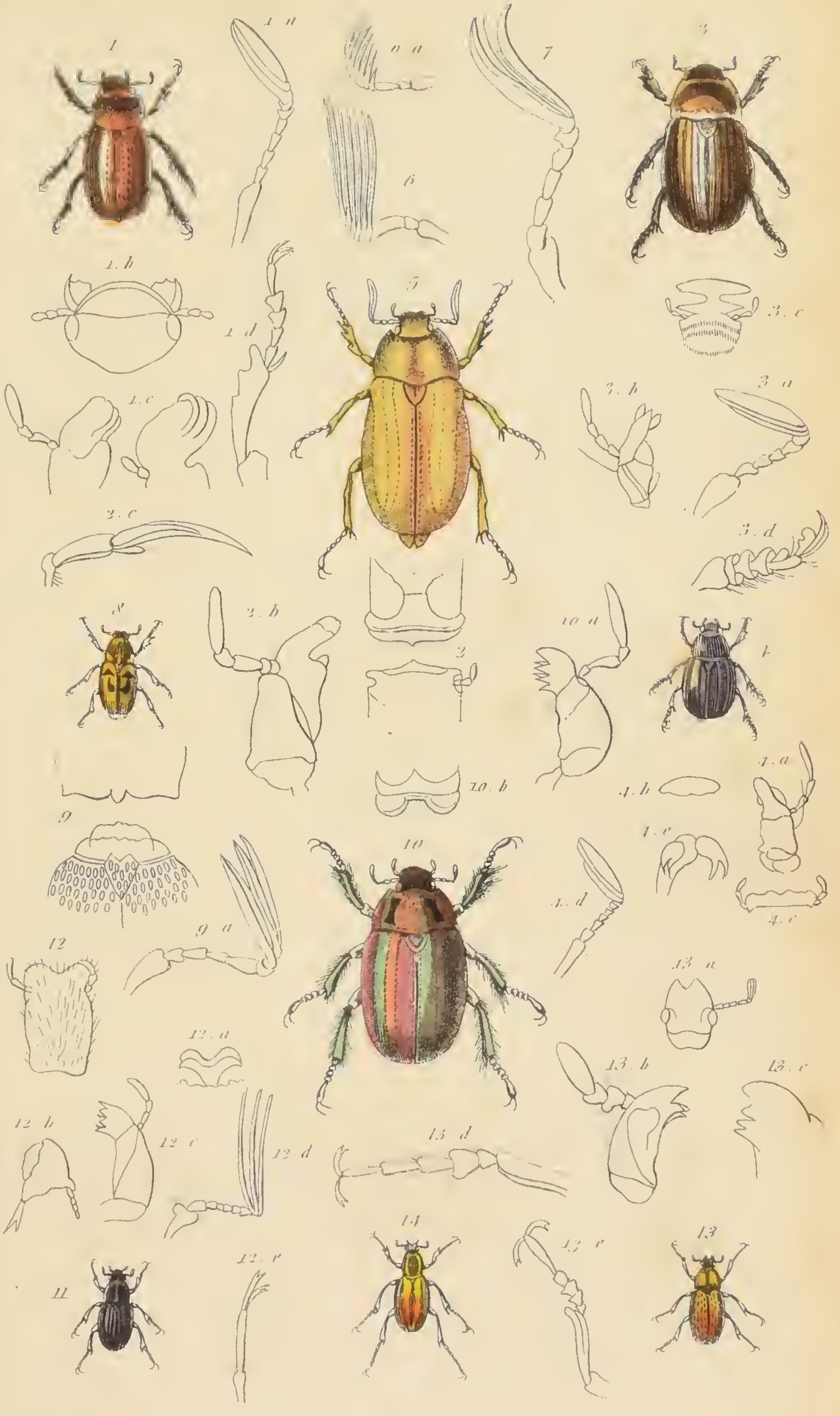

1. Leucothyreus *nitidicollis, Guér.* 2 *Anatomical details of the* Anoplognathus *Latreillei Sch.* 3. Geniates *barbatus Kirby.* 4 Apogonia *gemellata, Kirby.* 5 Melolontha *flavida, Gory.* 6 *Antennæ of the* Melolontha *vulgaris* ♂♀ 7. *Antennæ of the* Rhizotrogus *pini Latr.* 8. Ceraspis *decora, Gory.* 9. *Anatomical details of the* Ceraspis *albida Serv.* 10 Areoda *Kirbii, Mac Leay.* 11. Serica *flavimana Gory.* 12. *Anatomical details of the* Serica *variabilis Lat.* 13 Diphucephala *furcata Guér.* 14 Macrodactylus *suturalis, Chevr.*

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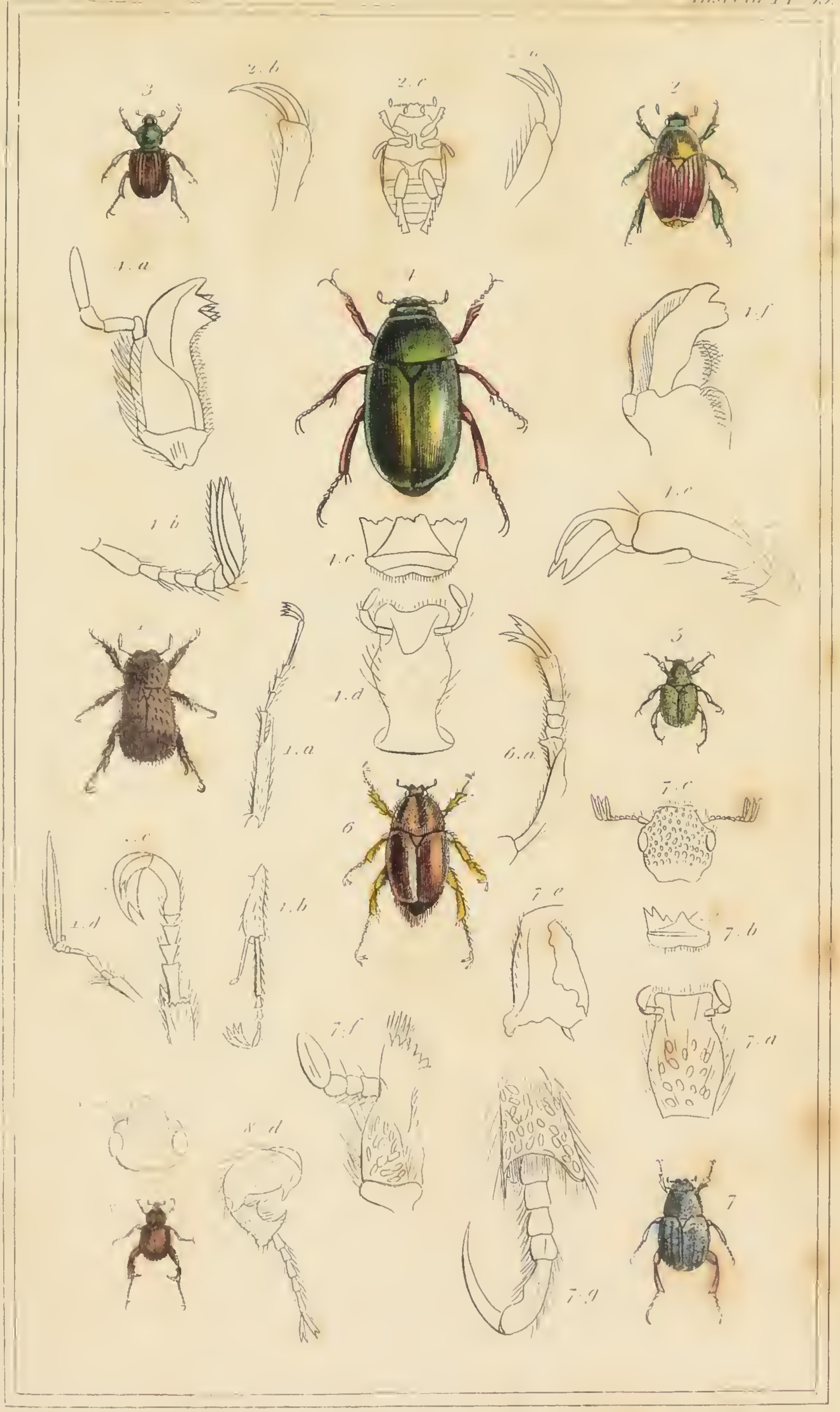

1 Plectris *tomentosa. Lep. & Serv.* 2. Popilia *nitidicollis. Gory.* 3 Anisoplia *saturalis Guer.*

4. Euchlora *viridana Guer.* 5. Lepisia *rupicola. Serv.* 6. Dicrania *velutina. Gory*

7 Hoplia *farinosa Fabr.* 8. Dichelus *dentipes Serv.*

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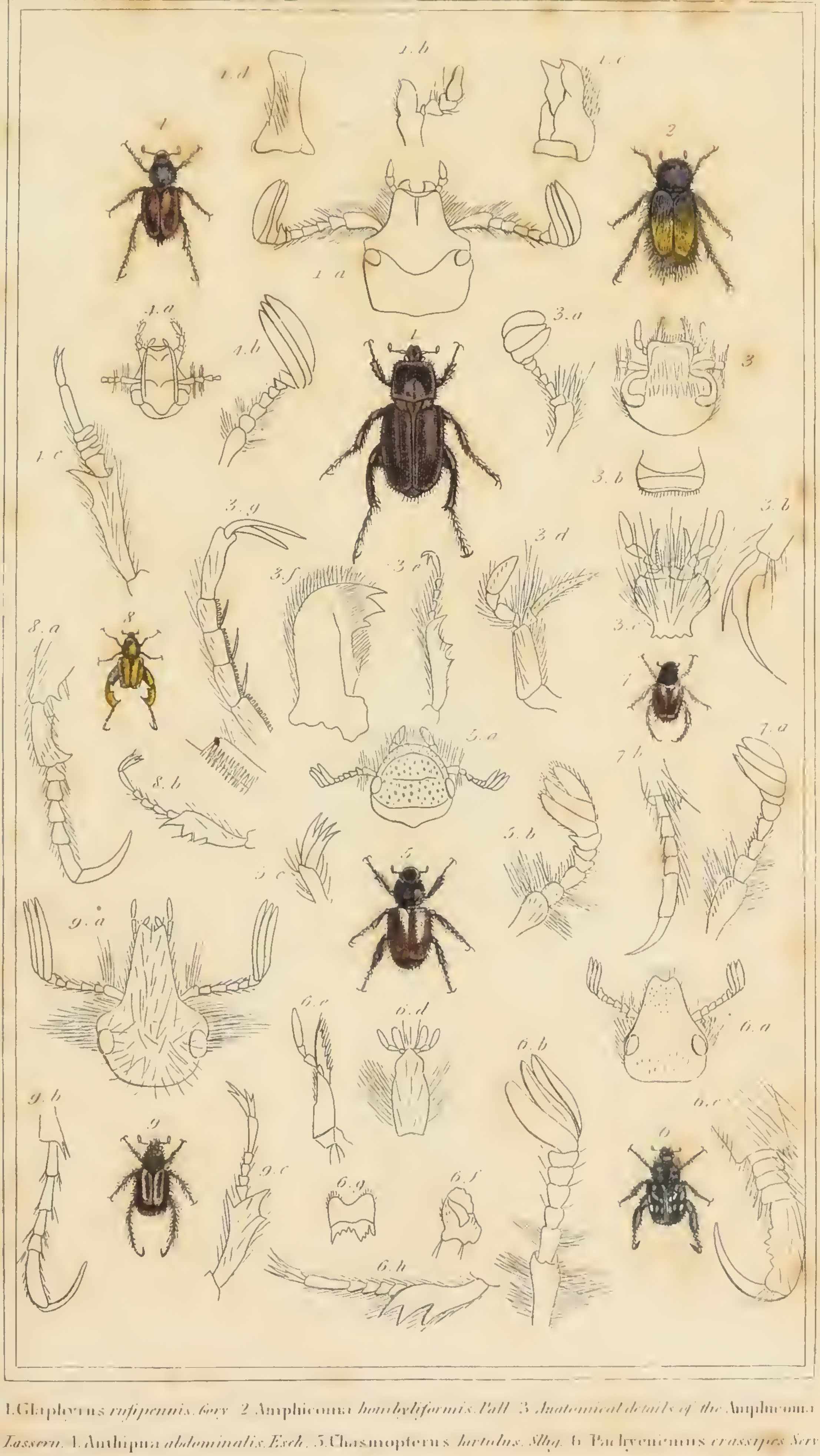

1. Glaphyrus *rufipennis. Gory* 2. Amphicoma *bombyliformis. Pall* 3. *Anatomical details of the* Amphicoma *Lasserii*. 4. Anthipna *abdominalis. Esch.* 5. Chasmopterus *hirtulus. Illig.* 6. Pachycnemus *crassipes. Serv* 7. Lepitrix *abbreviatus. Serv.* 8. Monochelus *gonager Serv* 9. Anisonyx *nasua. Wied*

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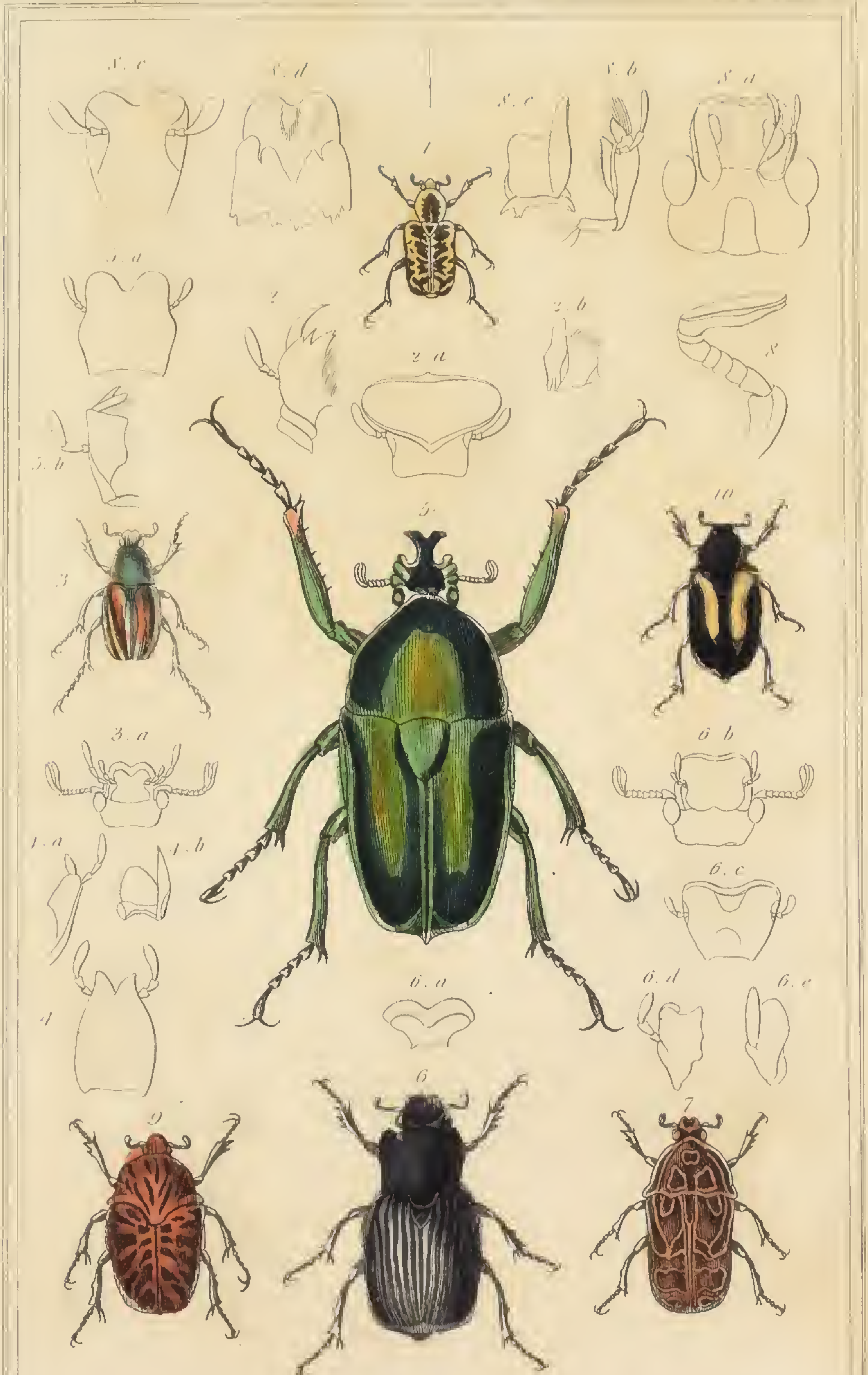

1. Cremastocheilus *hirtus Gory & Perch. Monogr.* 2. *Anatomical details of the* Cremastocheilus *elongatus Oliv.* 3. Trichius *zebra Oliv.* 4. *Anatomical details of the* Trichius *fasciatus F.* 5. Goliath *micans. G. & P. Oliv.* 6. Platygenia *zairica Mack Leay.* 7. Cetonia *Bassi G. & P.* 8. *Anatomical details of the* Cetonia *aurata F.* 9. Gymnetis *nervosa G. & P.* 10. Macronota *egregia G. & P.*

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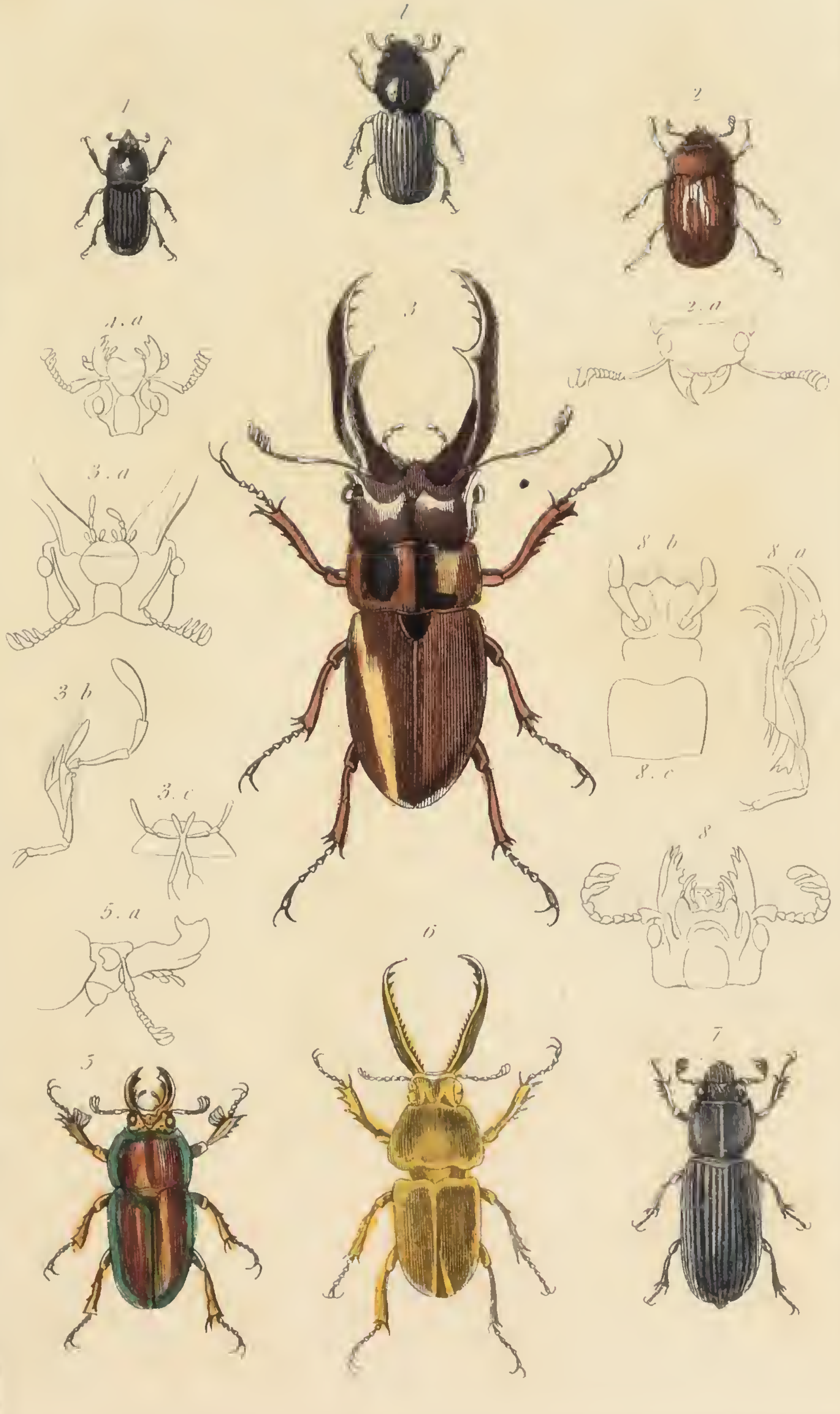

1. **Sinodendron** *cylindricum L. Fab.* 2. **Œsalus** *scarabœides Fab.* 3. **Lucanus** *cinnamomeus Guer.* 4 **Platycerus** *auriculatus Guer.* 5 **Lamprima** *aenea Latr.* 6 **Pholidotus** *Humboldti Sch.* 7 **Passalus** *pentaphyllus Palis.-Bauv.* 8 *Anatomical details of the* **Passalus** *interruptus Fab.*

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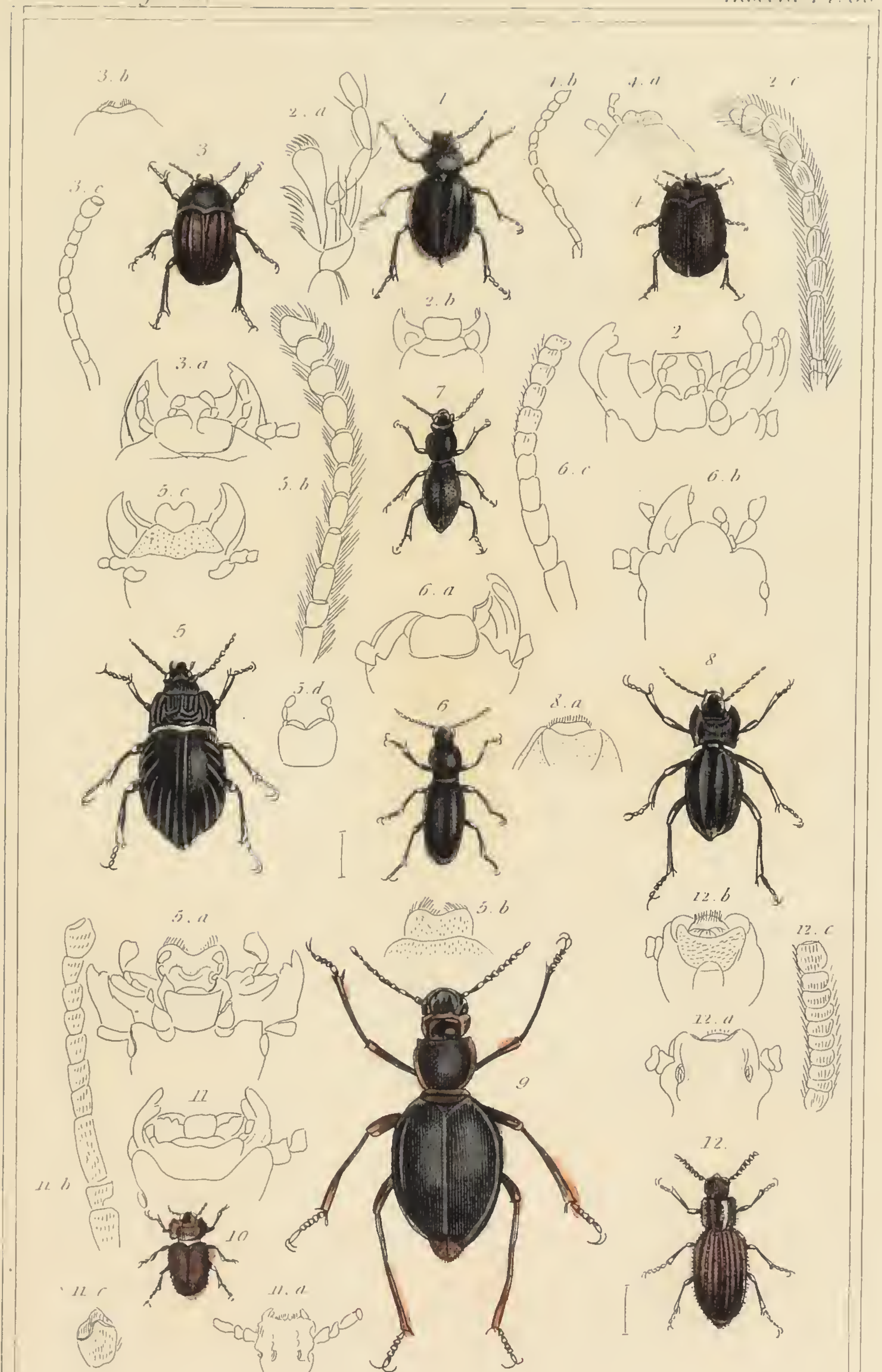

1. Pimelia *vestita. Gory.* 2. *Anatomical details of the* Pimelia *sericea*. 3. Erodius *gibbus. Fabr.* 4. Zophosis *testudinarius. Oliv.* 5. Nyctelia *Luczotii. Chevr.* 5. *c. d. Anatomical details of the* Nyctelia *brunnipes Latr.* 6. Hegeter *tagenioides. Gory.* 7. Tentyria *punctipennis Lefebvre.* 8. Akis *Goryi. Guer.* 9. Elenophorus *americanus. Lacord.* 10. Eurychora *rugosula. Guer.* 11. *Anatomical details of the* Eurychora *ciliata.* 12. Adelostoma *rugosa. Gory.*

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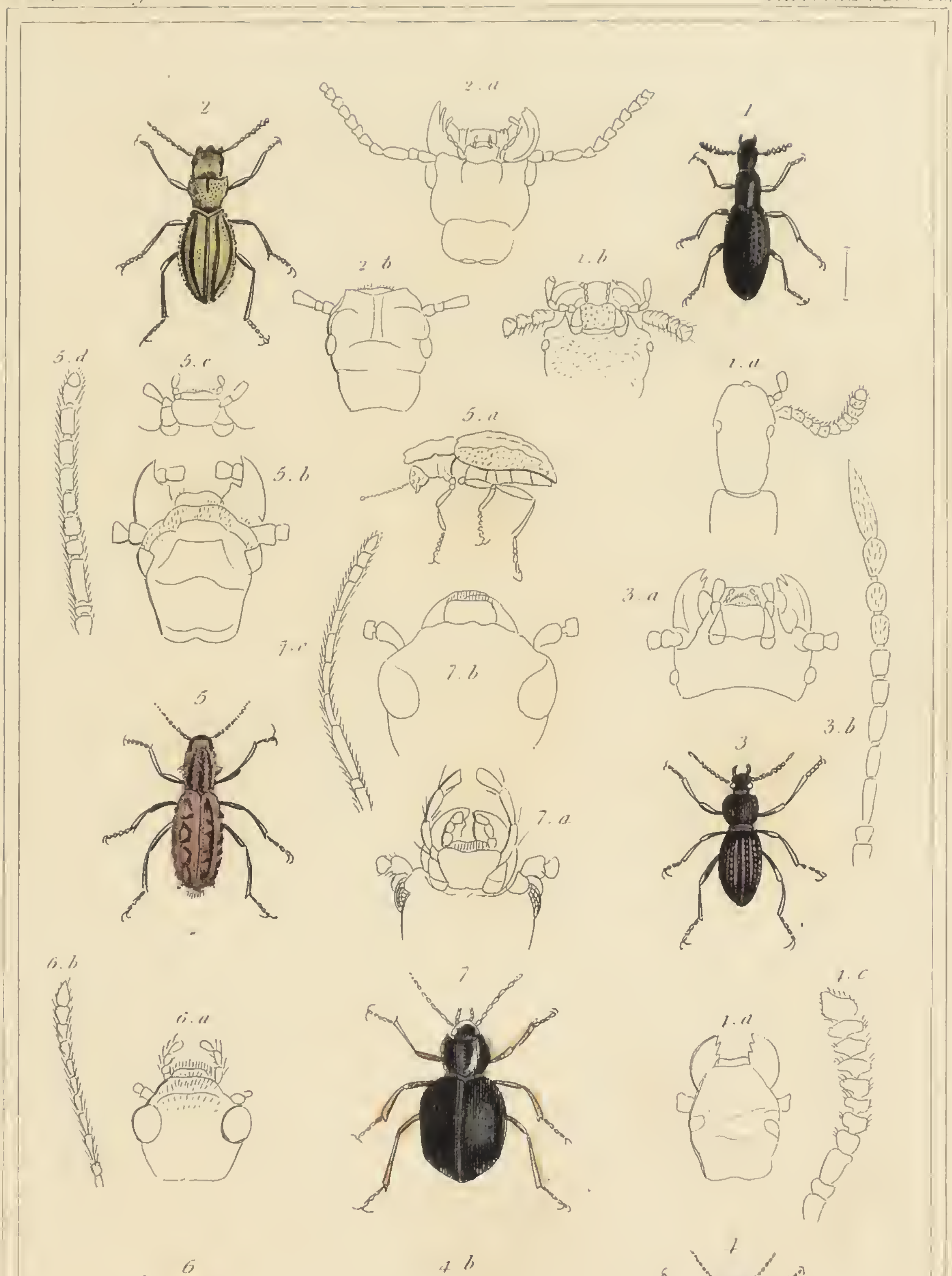

1. Tagenia *orientalis. Gory* 2 Psammeticus *costatus Guer* 3 Scaurus *rugosus. Latr.* 4. Scotobius *granosus. Lacord* 5 Sepidium *vestitum Gory* 6 Trachynotus *vittatus. Latr.* 7. Moluris *luteipes. Guér.*

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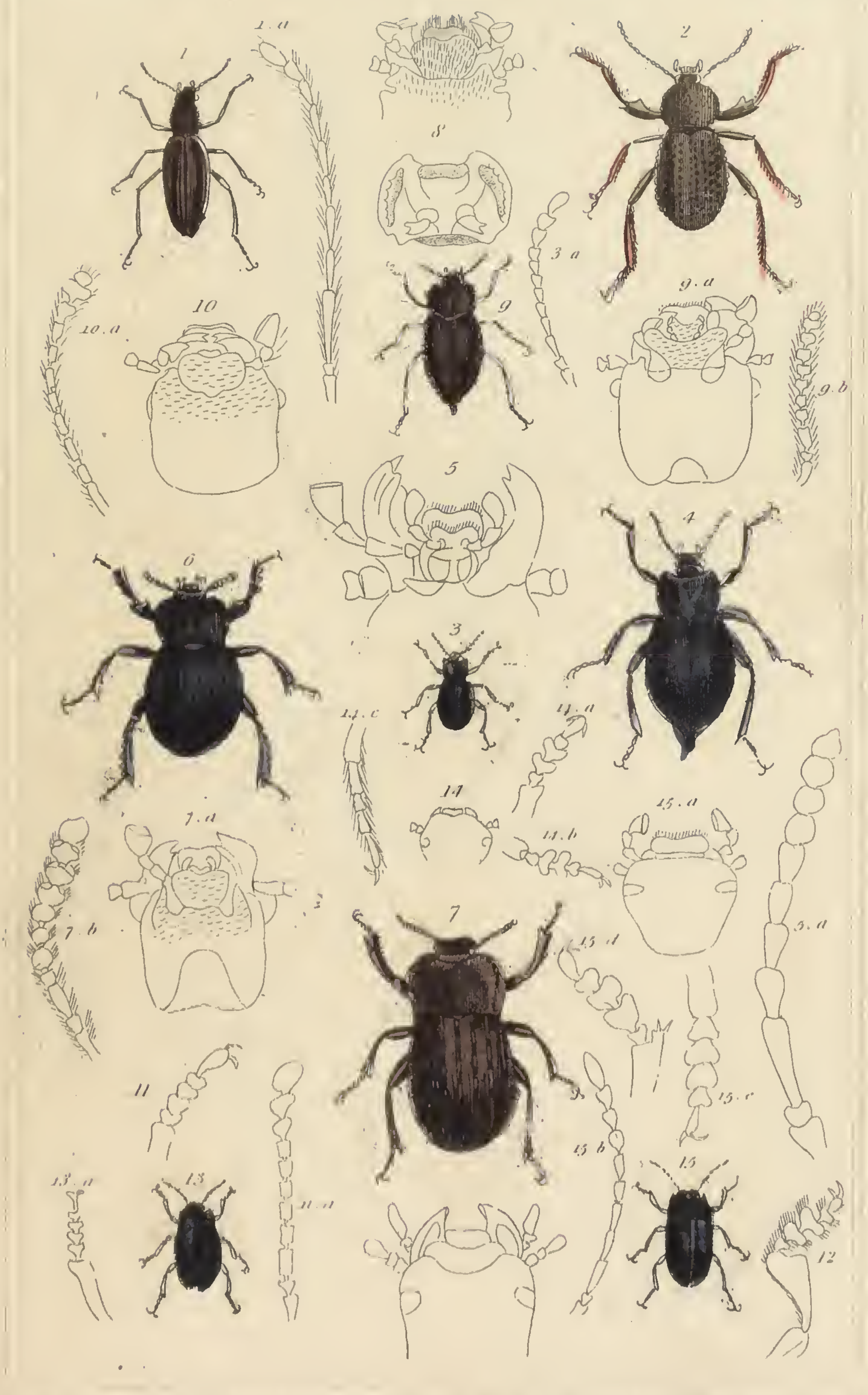

1. Oxura *setosa Kirby.* 2. Acanthomera *guttata Guér. Herbst.* 3. Misolampus *Hoffmanseggii Guér.* 4. Blaps *mortisaga Fab.* 5. *Mouth & Antennae of the* Blaps *sulcata. Fab.* 6. Gonopus *tibialis, Latr.* 7. Anomalipes *dentipes. Lat Fab.* 8 *Corselet of the* Machla *villosa Herbst* 9. Scotinus *brasiliensis. Guér.* 10 *Mouth & Antennae of the* Asyda *laevigata Fab.* 11. *Tarsus & Antennae of the* Opatrinus *clathratus, Dej.* 12. *Tarsus of the* Heliophilus *hispanicus Dej* 13. Pedinus *gibbosus Guér* 14. *Antennal details of the* Blapstinus *punctatus Sch.* 15. Platyscelis *gages Fisch.*

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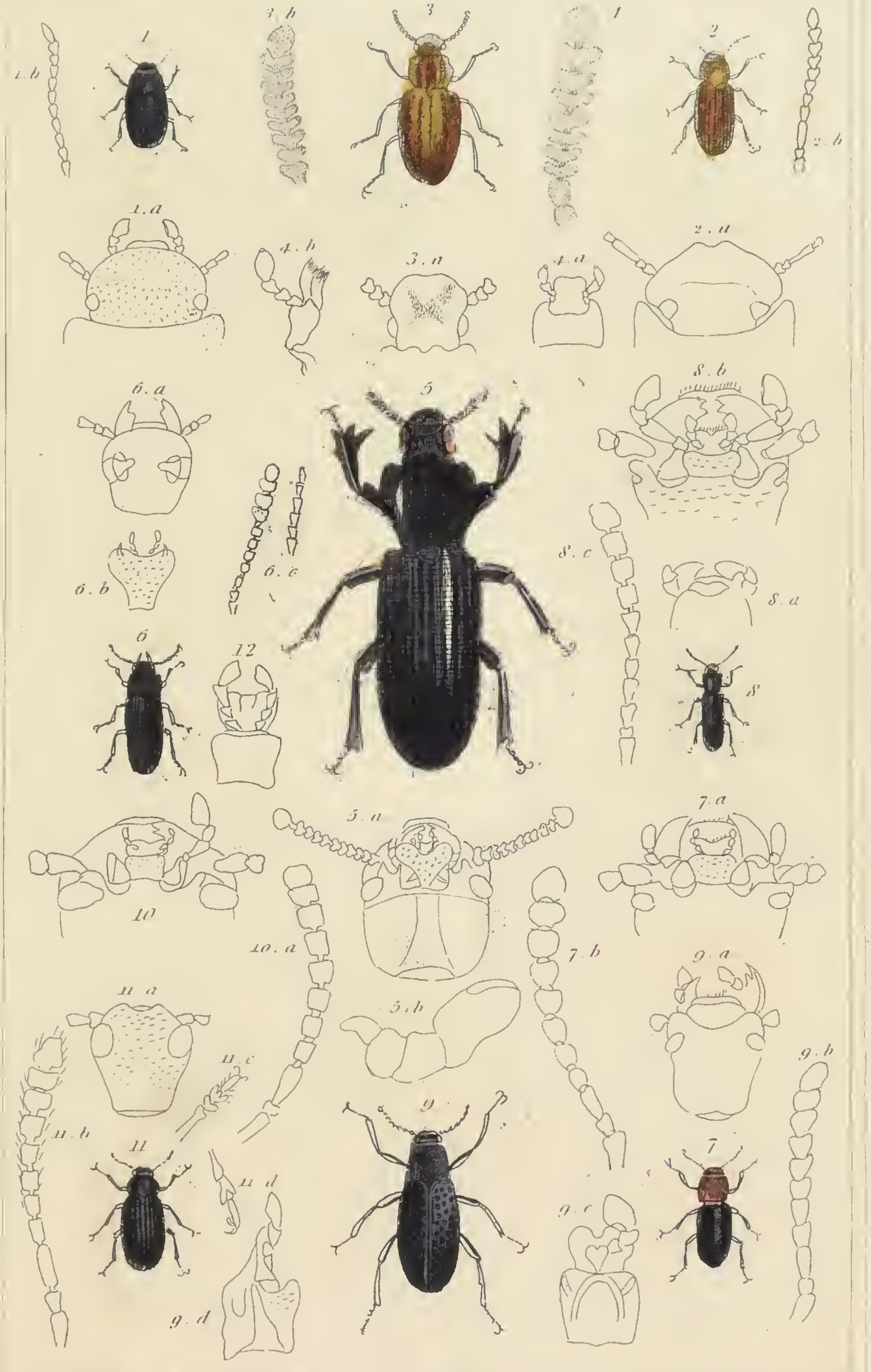

1. Crypticus *gibbulus. Sch.* 2. Opatrum *elongatum. Guér.* 3 Corticus *celtis. Germ.* 4. *Anatomical details of the* Orthocerus *muticus. Lat.* 5. Chiroscelis *bifenestrata. Lam.* 6 Toxicum *curvicorne. Chev.* 7. Boros *thoracicus. Gyl.* 8 Calcar *elongatus. Herbst.* 9. Upis *ceramboides. Fab.* 10. *Anatomical details of the* Tenebrio *molitor. Lin.* 11. Heterotarsus *tenebrioides. Guér.* 12. Tenebrio *obscurus. Fab.*

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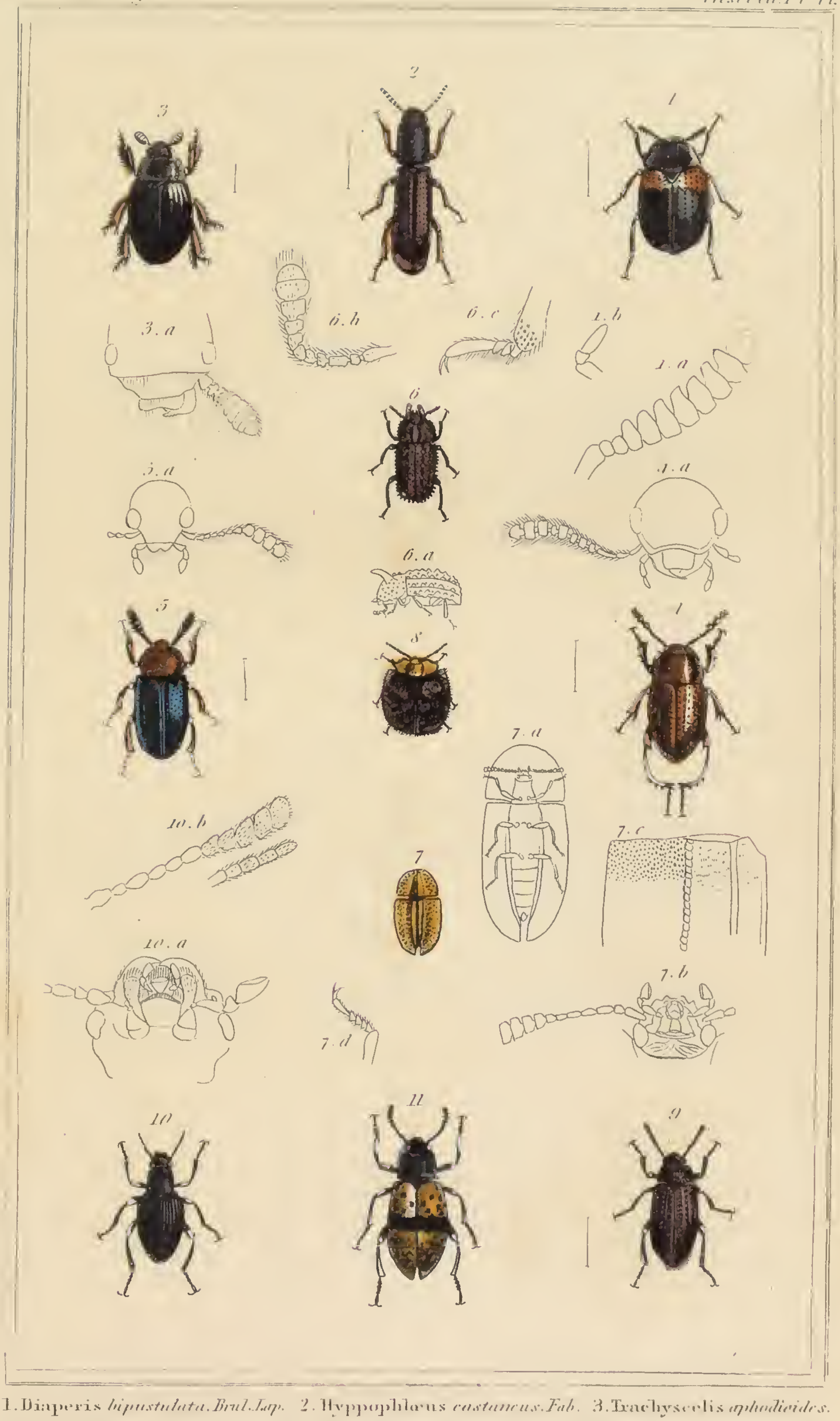

1. Diaperis *bipustulata. Brul. Lap.* 2. Hyppophlœus *castaneus. Fab.* 3. Trachyscelis *aphodioides. Latr.* 4. Leiodes *cinnamomea. Panz.* 5. Tetratoma *fungorum. Fab.* 6. Eledona *cornuta. Fab.* 7. Cossyphus *moniliferus. Chevr.* 8. Nilio *lanatus. Germ.* 9. Epitragus *lineatus. Chevr.* 10. Cnodalon *atrum. Chevr.* 11. Spheniscus *pictus. Chevr.*

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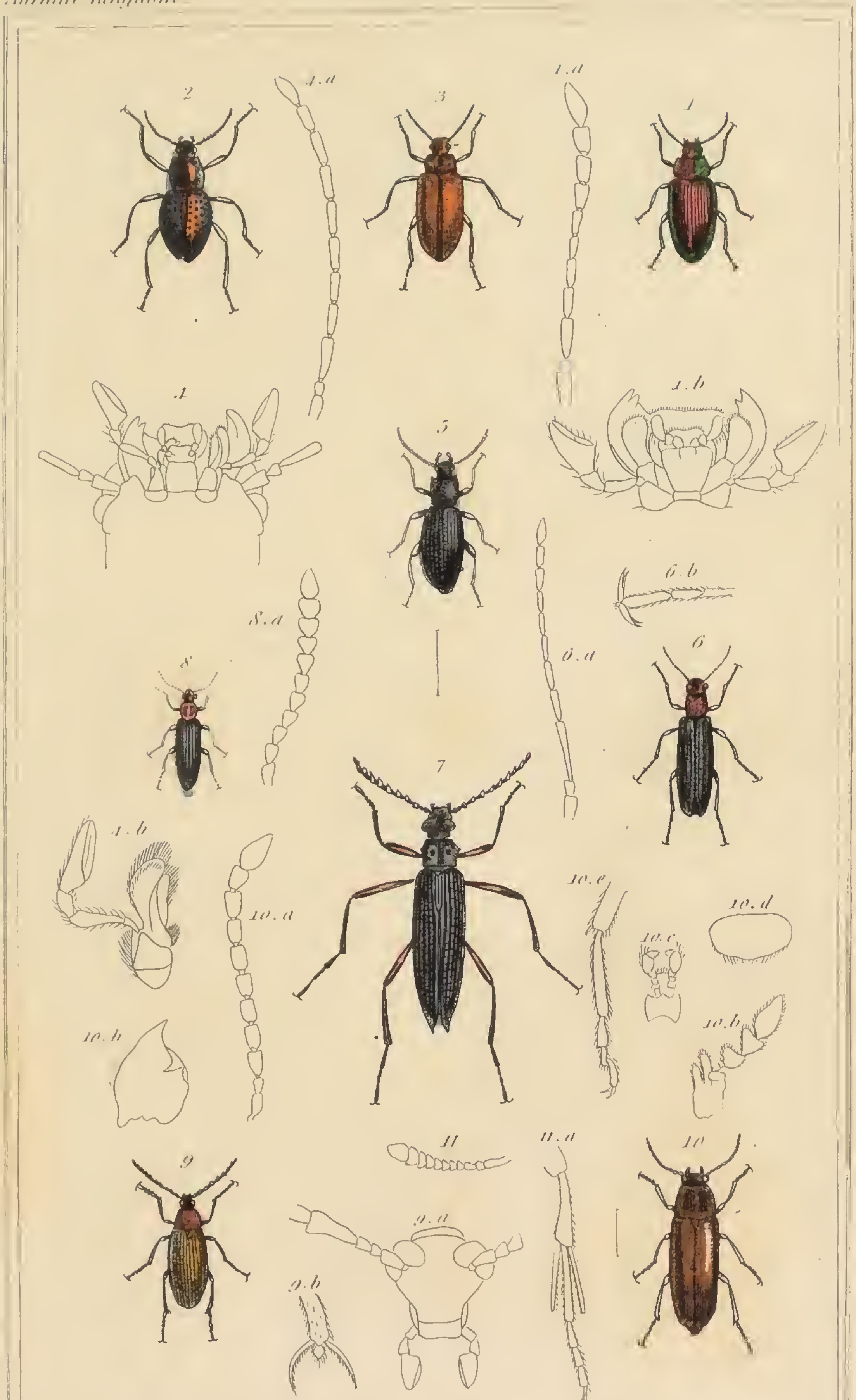

1. Amarygmus *cuprinus. Esch.* 2. Sphærotus *curvipes. Kirby.* 3. Helops *suturalis. Germ.* 4. *Anatomical details of the* Helops *lanipes. F.* 5. Læna *pimelia. F.* 6. Stenotrachelus *æneus Lat.* 7. Strongylium *serraticorne. Chevr.* 8. Pitho *depressus. F.* 9. Cistela *serrata. Chevr.* 10. Hallomenus *humeralis. Latr.* 11. *Anatomical details of the* Orchesia *micans. Latr.*

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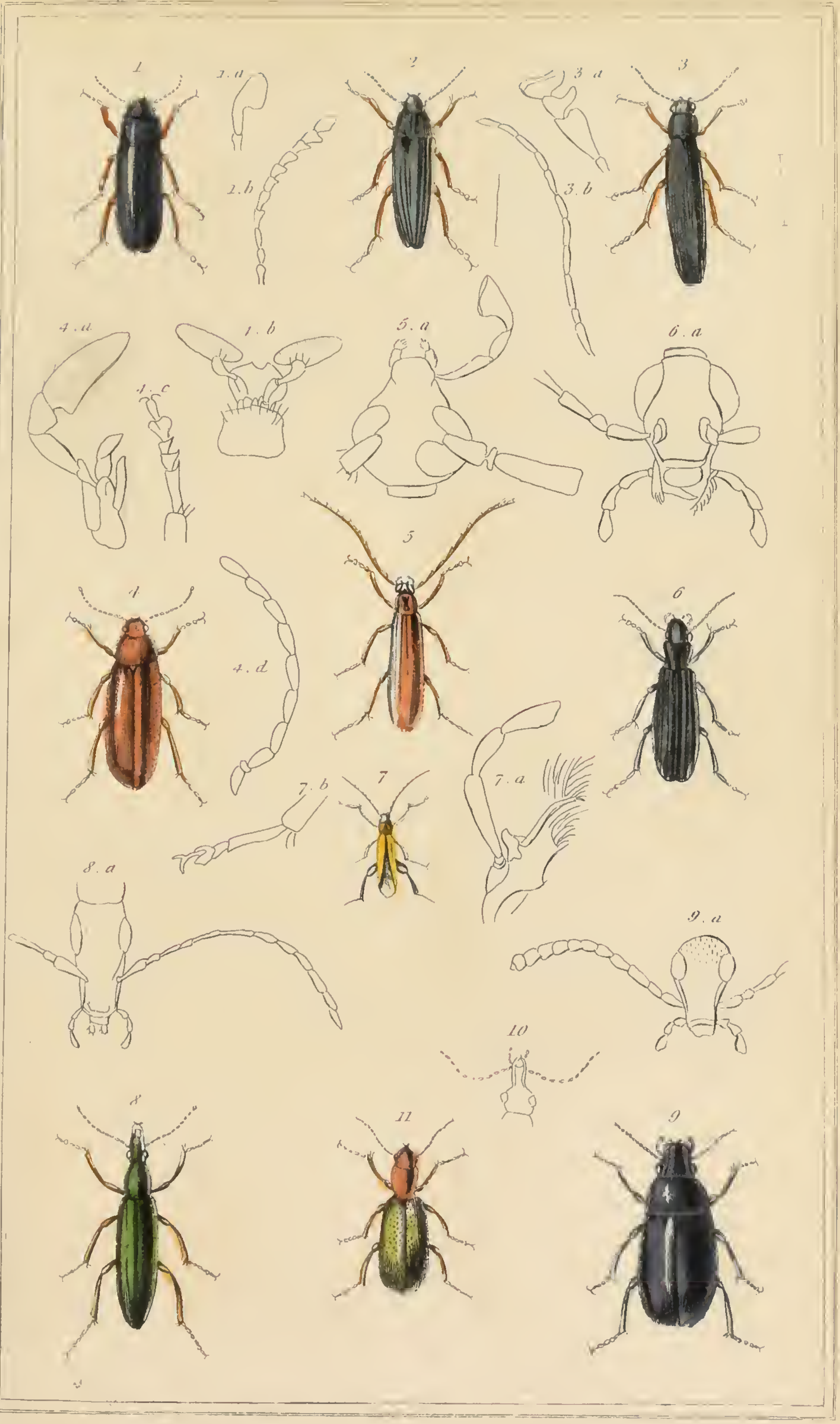

1. **Dircæa** *discolor. Fab.* 2. **Melandrya** *rufipes. Chevr.* 3. **Serropalpus** *Striatus. Latr.* 4. **Conopalpus** *flavicolle. Gyl.* 5. **Calopus** *serraticornis. F.* 6. **Dytilus** *lævis Fisch.* 7. **Ædemera** *podagrariæ. Fab.* 8. **Stenostoma** *rostratum. Charp.* 9. **Mycterus** *pulverulentus Chevr.* 10. *Head of the* **Rhinomacer** *attelaboides. F.* 11. **Rhinosimus** *ruficollis. F.*

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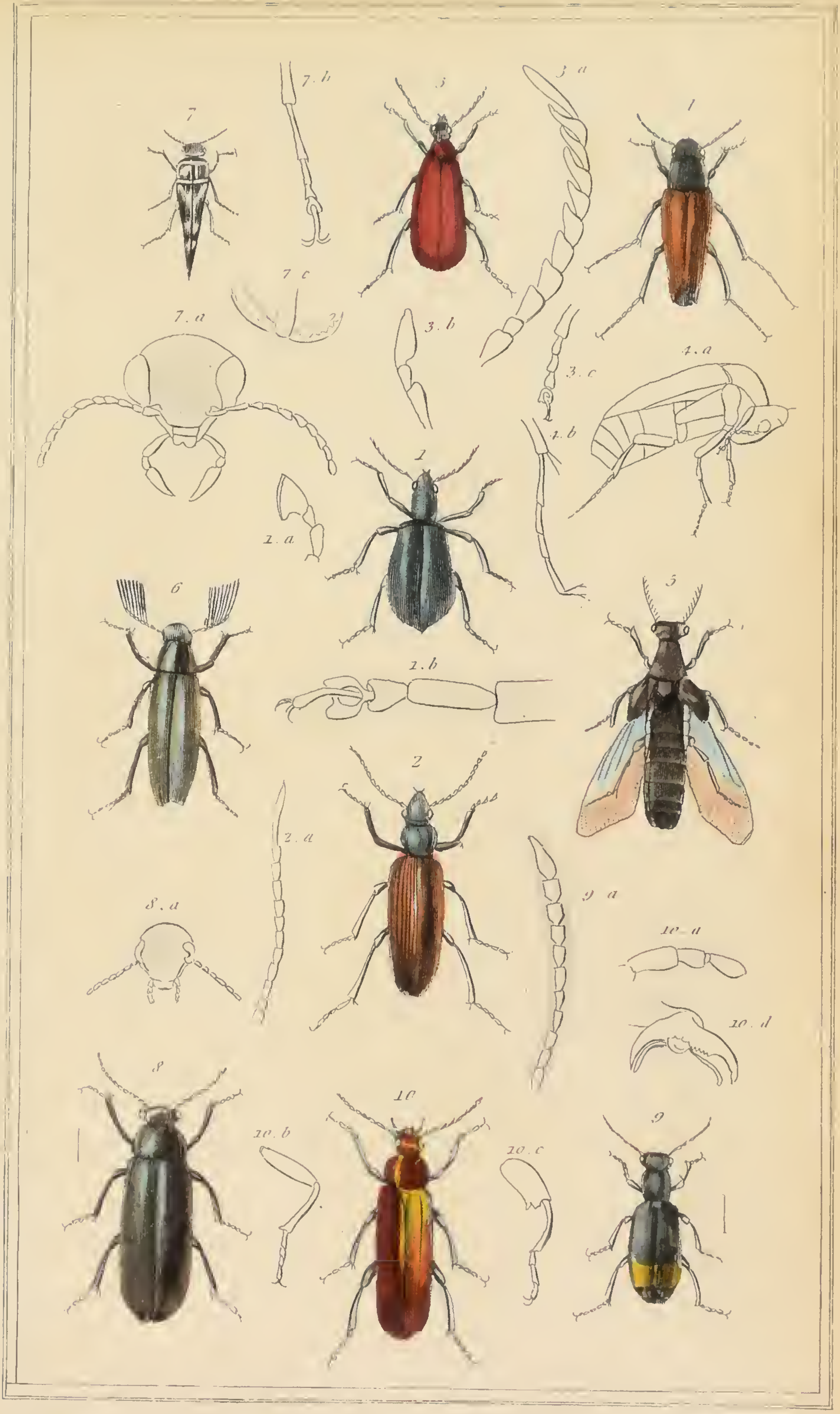

1. Lagria *gigas. Guer.* 2. Statira *caraboides. Guer* 3. Pyrochroa *coccinea Fab.* 4. Ripiphorus *rufipennis. Chev.* 5. Myodites *americanus. Guer.* 6. Pelecotoma *Frivaldjskii Sturm.* 7. Mordella *picta. Chevr* 8. Seraptia *dubia. Oliv.* 9. Notoxus *fasciatus. Chevr* 10. Cissites *testaceus. Latr.*

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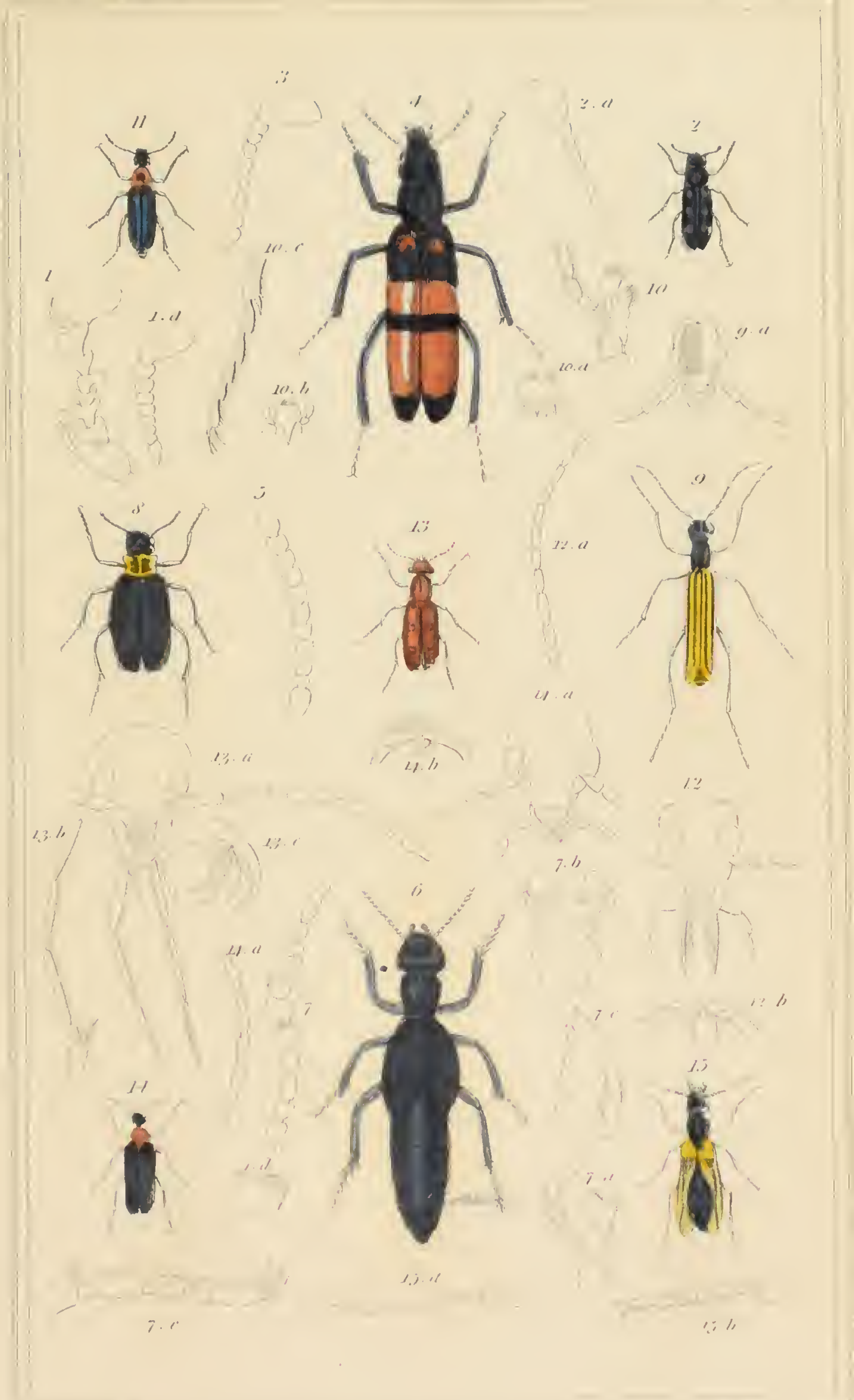

1. *Antennæ of the* Cerocoma *Schæfferi, Lin.* 2. Hycleus [illegible] *guttatus Chev.* 3. *Antennæ of the* Actinoma *12 punctata Chev.* 4. Mylabris [illegible] *Chev.* 5. *Antennæ of the* Œnas *afer F.* 6. Meloe *cordilleræ Chev.* 7. *Anatomical details of the* Meloe *brevicollis Fab.* 8. Tetraonyx [illegible] *Chev.* 9. Cantharis *sulcirotus Chev.* 10. *Anatomical details of the* Cantharis *vesicatoria.* 11. Zonitis *punctucollis Chev.* 12. *Anatomical details of the* Nemognatha *chrysomelina F.* 13. Leptopalpus *Chevrolatii Guér.* 14. Gnathium *flavicolle Chev.* 15. Sitaris *humeralis Fab.*

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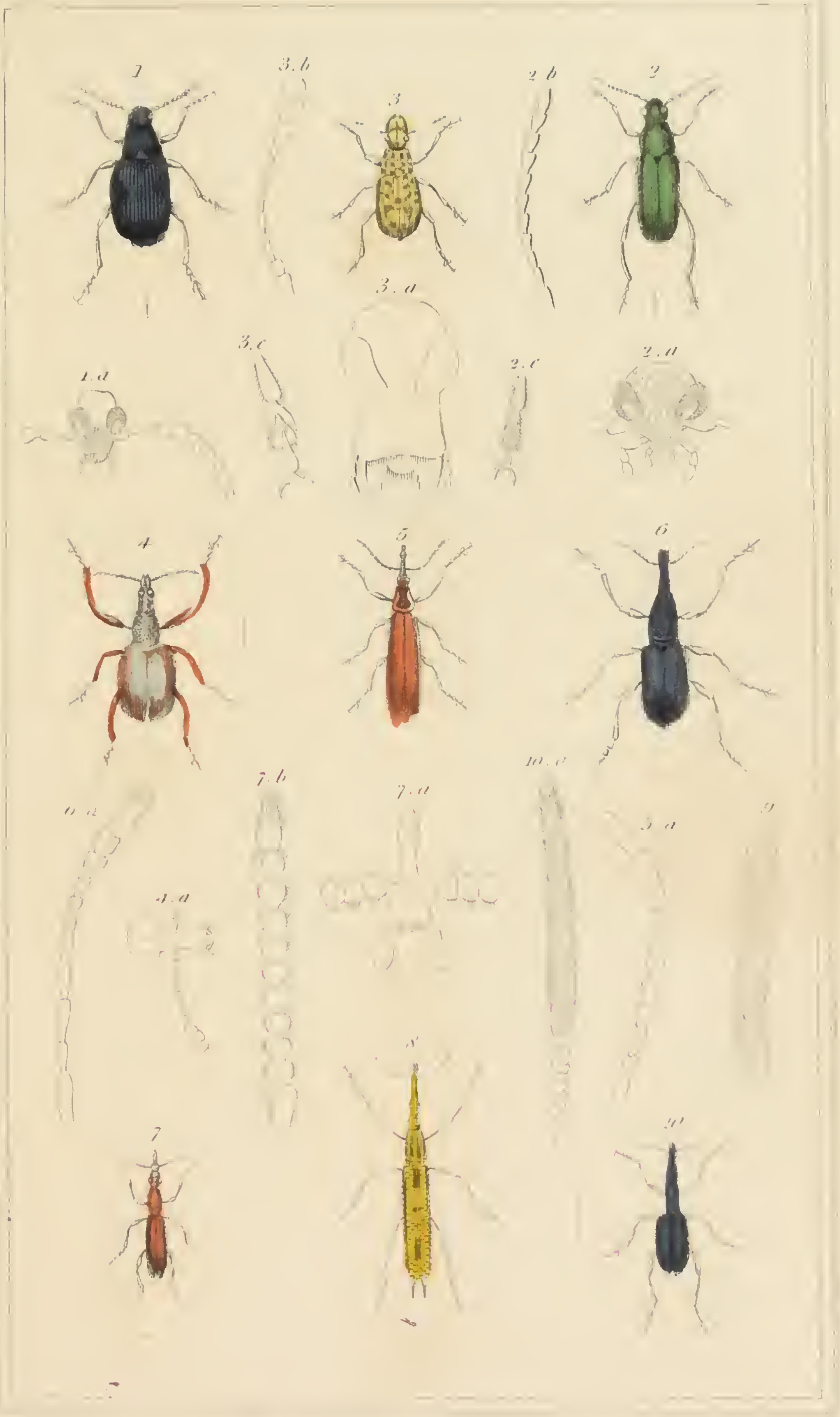

1 Bruchus *marginellus. Fabr.* 2 Rhinobus *Eblerii. Fisch.* 3. Anthribus *Garnotii. Guerin.*
4 Attelabus *falcatus. Guer.* 5 Rhinotia *haemoptera Kirby* 6 Eurhinus *cupreus. Guer.*
7 Brentus *italicus Lat.* 8. Ceocephalus *furcillatus. Sch.* 9 *Ant. of 4 b.* Ulocerus *cinereus Lat.*
10. Cylas *longicollis. Chev.*

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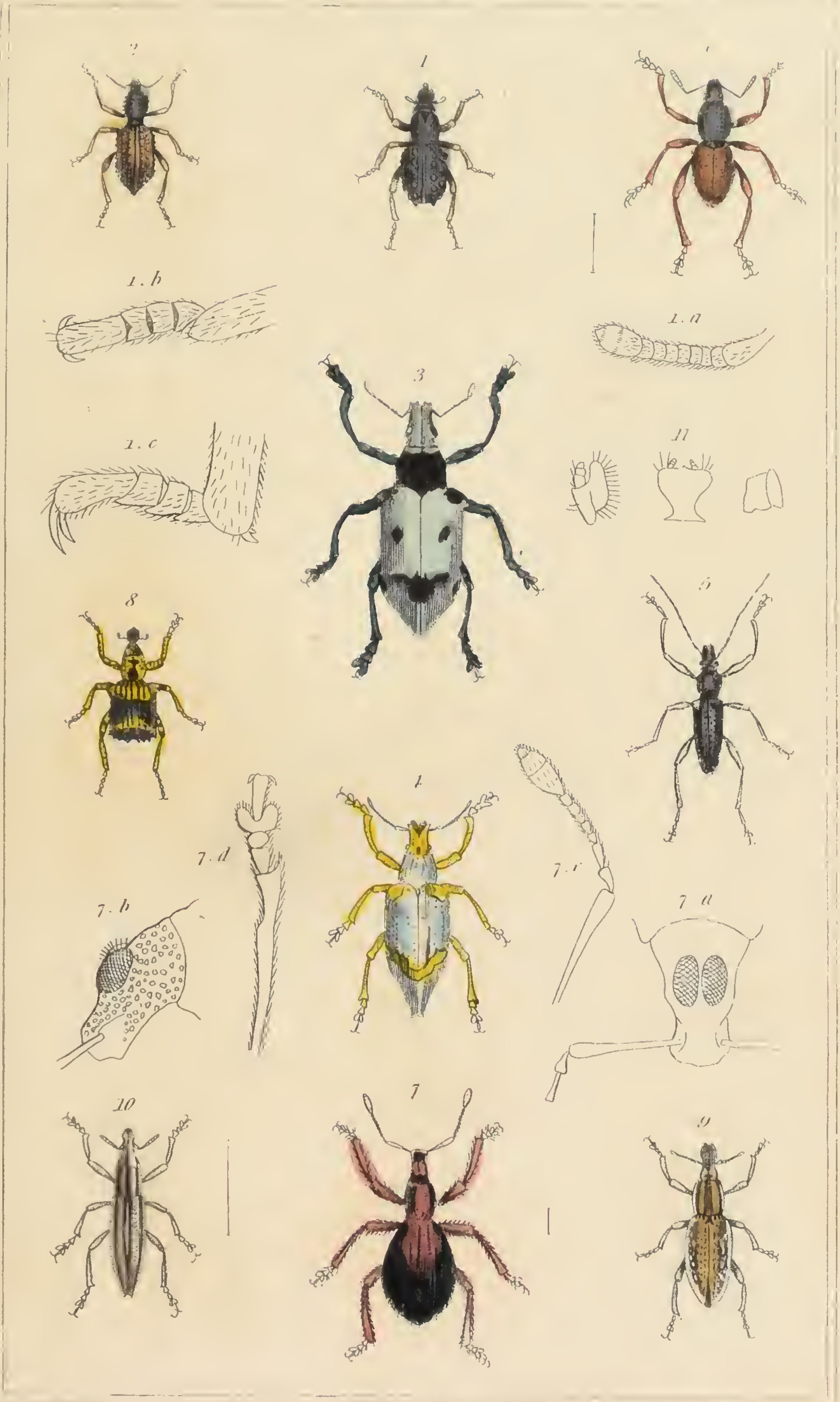

1. **Brachycerus** *ovulatus Chev.* 2 **Cyclomus** *coronatus. Sch.* 3 **Cyphus** *illustris. Chevr.*
4. **Cyphus** *dives ? Illig.* 5. **Leptocerus** *maculatus. Chev.* 6. **Pachyrhynchus** *profanus. Esch.*
7. **Syzygops** *cyclops. Sch.* 8. **Rhytirhinus** *infernus Chevr.* 9. **Cleonus** *guttatus. Chevr.*
10. **Lixus** *vittiger. Gedet.* 11. *Mouth of the* **Chlorophanus** *viridis. Sch.*

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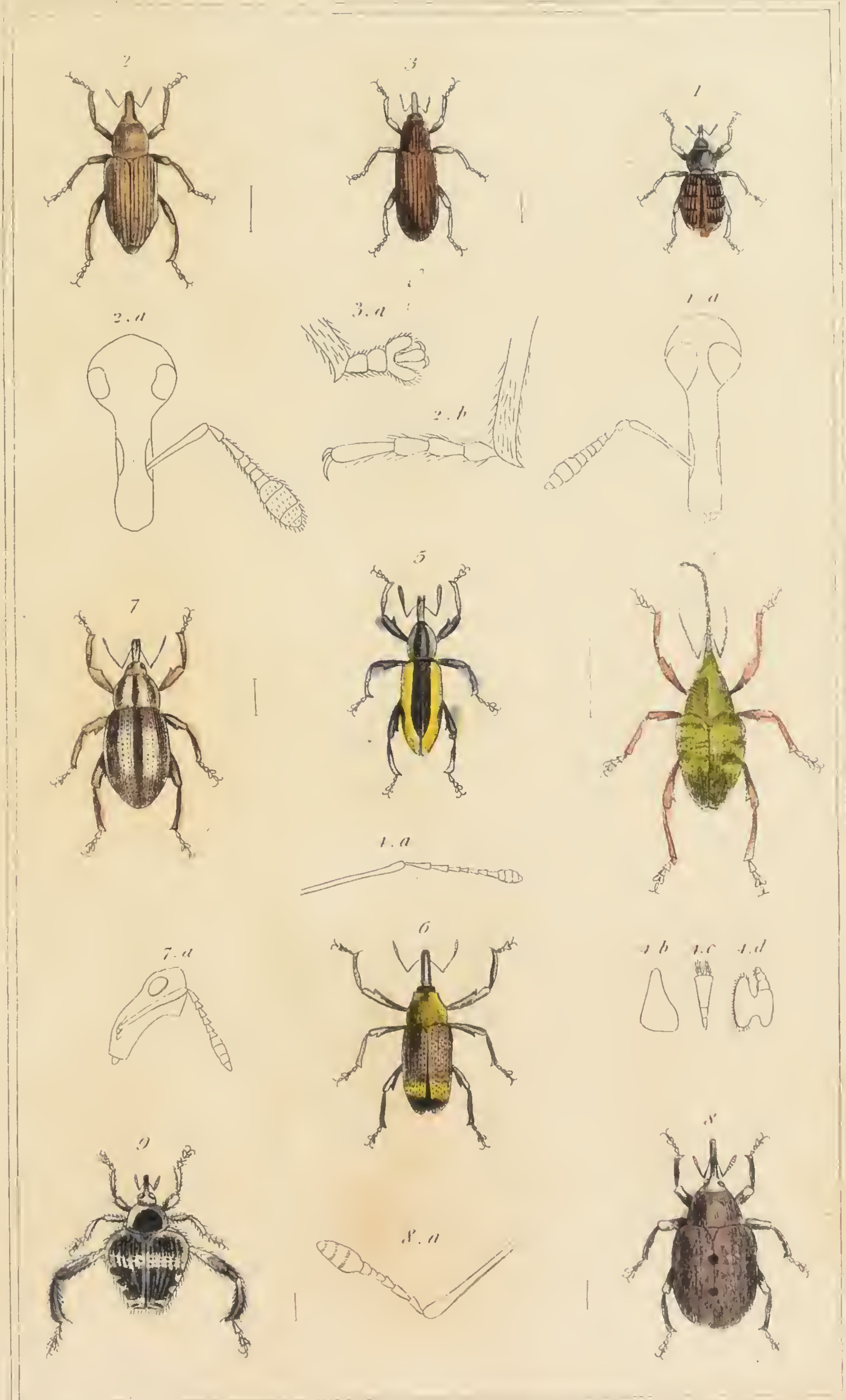

1. Lœmosaccus *chevrolatii, Guer.* 2 Bagous *binodosus, Gyll.* 3 Brachonyx *indigena, Gyll.* 4 Balaninus *nucum, Lin.* 5. Heilipus *peplus, Sch.* 6 Alcides *præustus, Guér.* 7 Myorhinus *albolineatus*. 8 Cionus *pulverosus, Pareys.* 9. Tachygonus *horridus, Chevr.*

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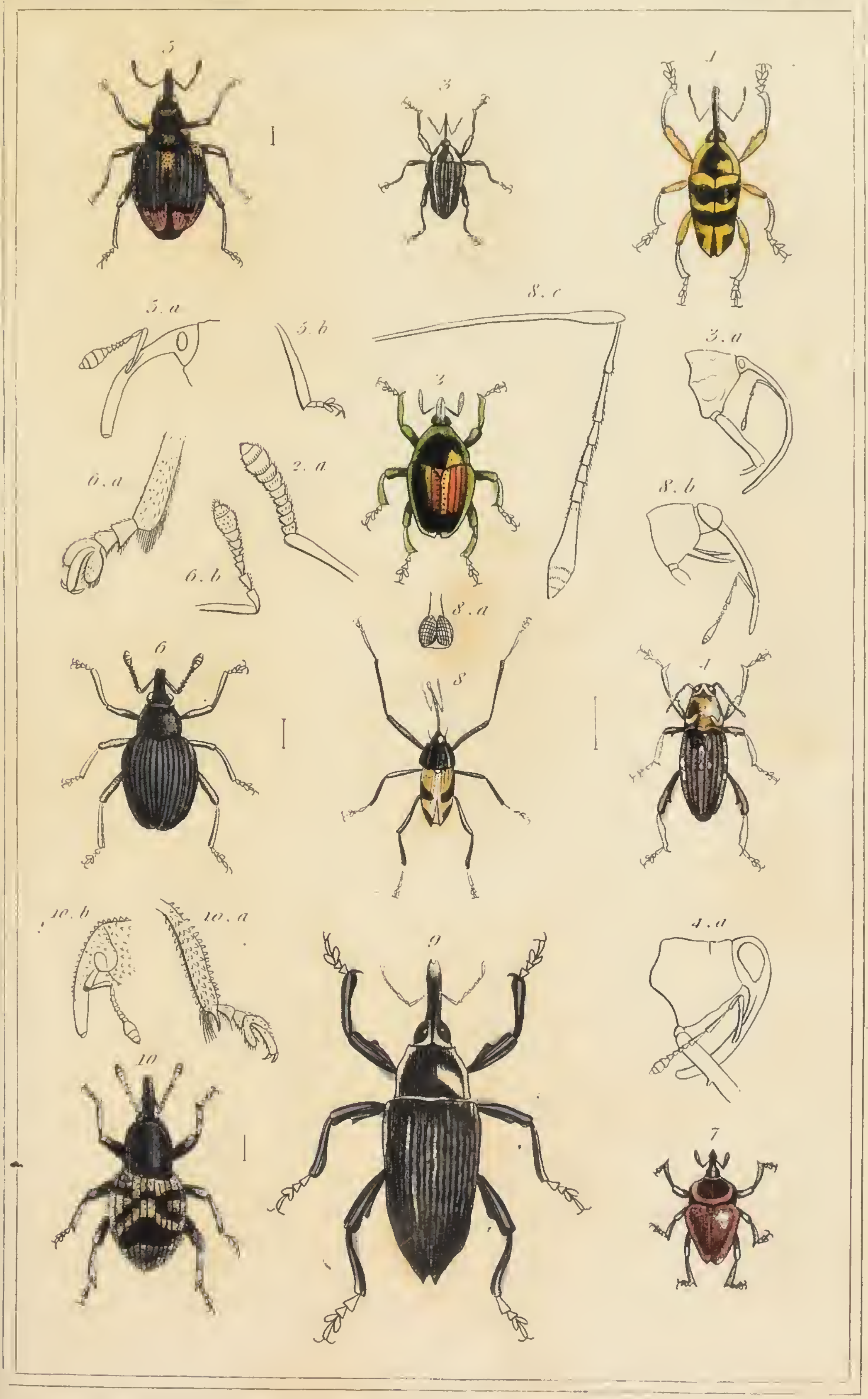

1. Cholus *flavo-fasciatus. Chevr.* 2. Camptorhynchus *flattuarius. Germ.* 3. Centrinus *curvirostris. Chevr.* 4. Zygobs *rubricollis. Chevr.* 5. Centorhynchus *sii. Chevr.* 6. Hydaticus *comarii. Sch.* 7. Diorymerus *altus. Germ.* 8. Mecopus *trilineatus. Guer.* 9. Gorgus *bispinosus. Chevr.* 10. Tylodes *ptinioides. Gyl.*

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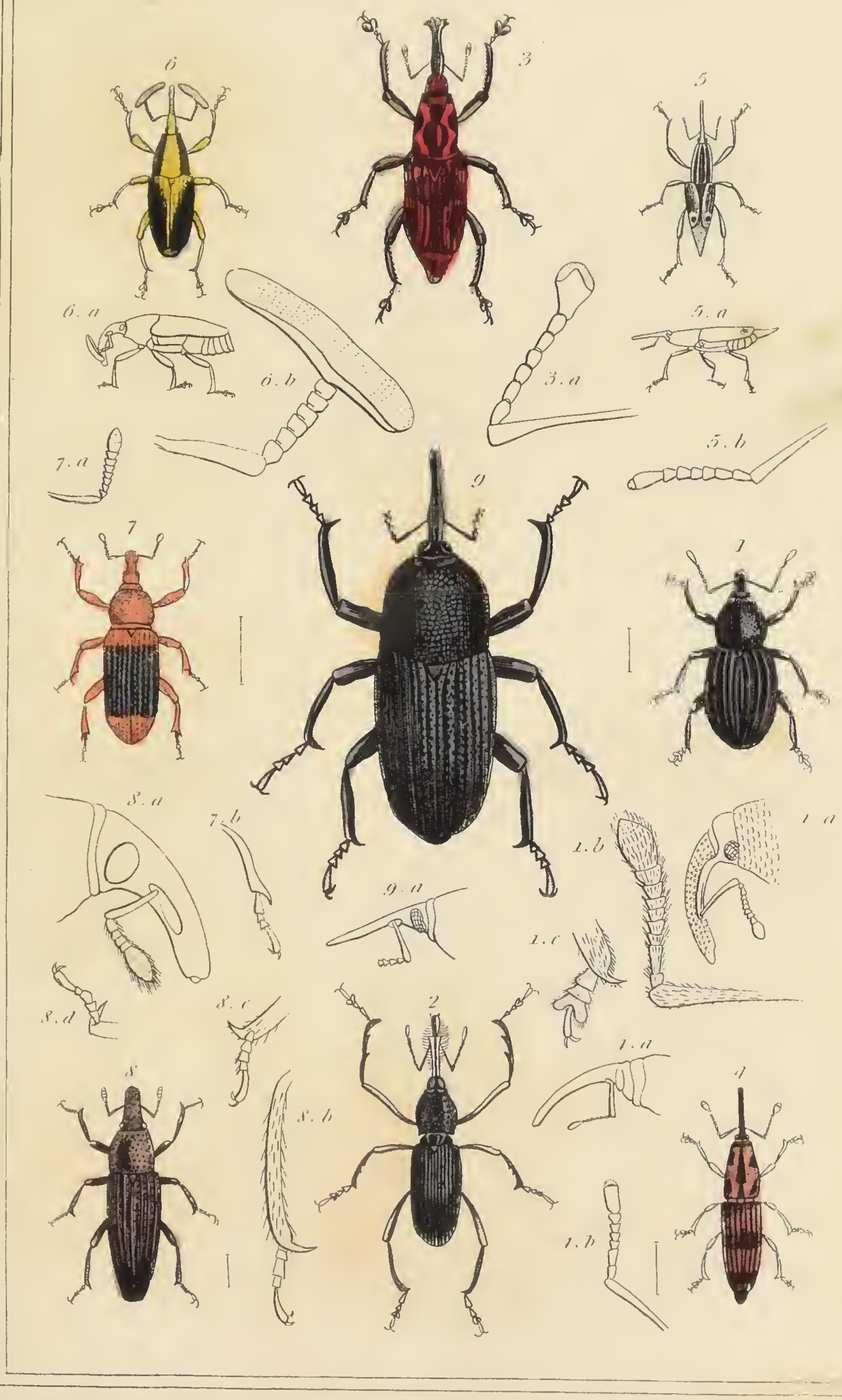

1. Anchonus *suillus. Fab.* 2. Rhina *barbirostris. Fab.* 3. Calandra *Guerini. Chevr.* 4 Calandra *taitense. Guer.* 5. Belorhynus *acutus. Guer.* 6. Cercidocerus *nigrolateralis. Guer.* 7. Cossonus *ephippiger. Guer.* 8. Dryophtorus *lymexilon. Fabr.* 9. Trigonotarsus *calandroides. Guér.*

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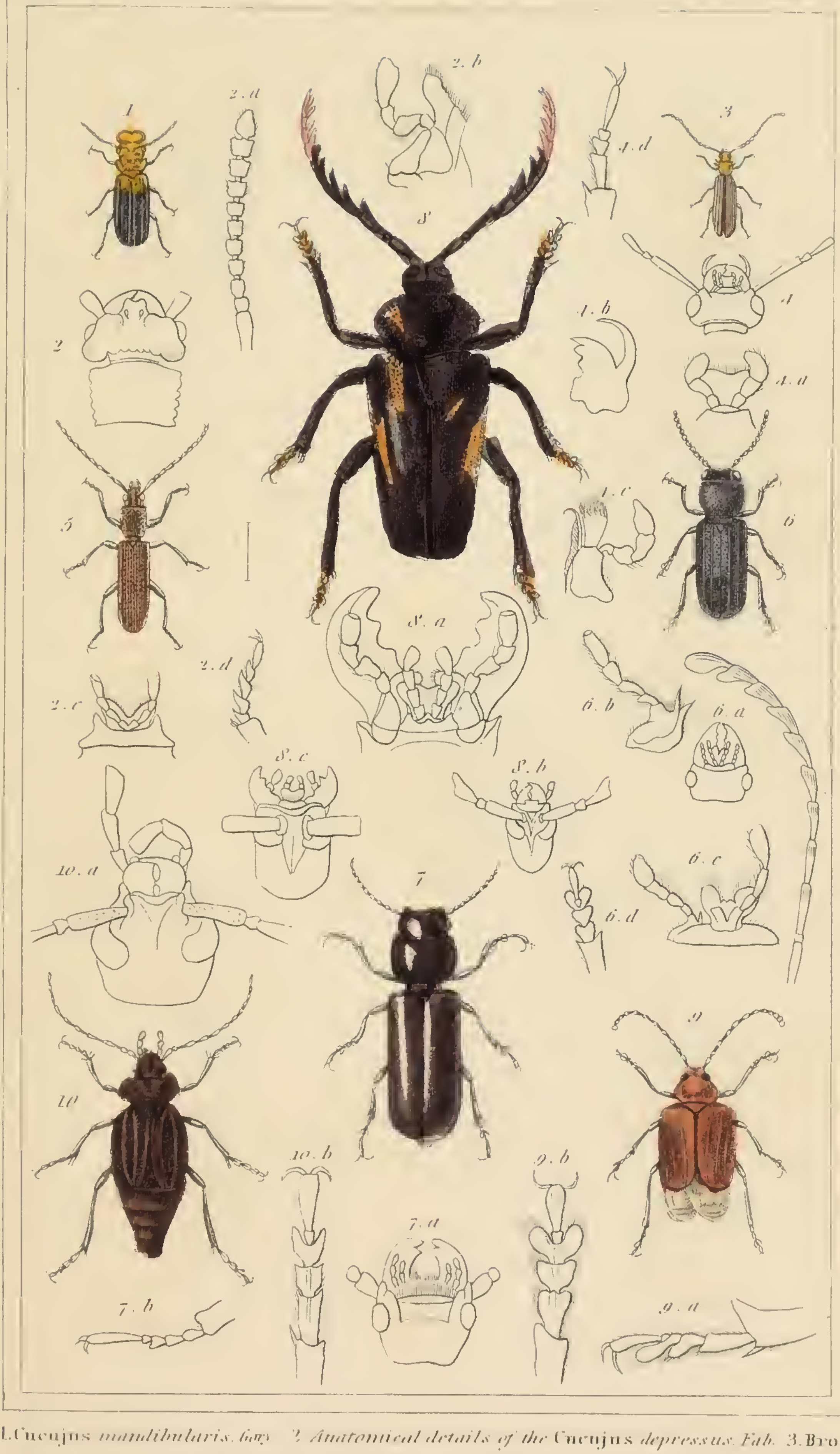

1. Cucujus *mandibularis. Gory.* 2. *Anatomical details of the* Cucujus *depressus. Fab.* 3. Brontes *spinicollis. Gory.* 4. *Anatomical details of the* Brontes *flavipes. Fab.* 5. Dendrophagus *crenatus. Payk.* 6. Spondylus *buprestoides. Fab.* 7. Parandra *lineola. Gory.* 8. Prionus *Desmarestii. Guér.* 9. Anacolus *sanguineus. Serv.* 10. Prionapterus *staphilinus. Guér.*

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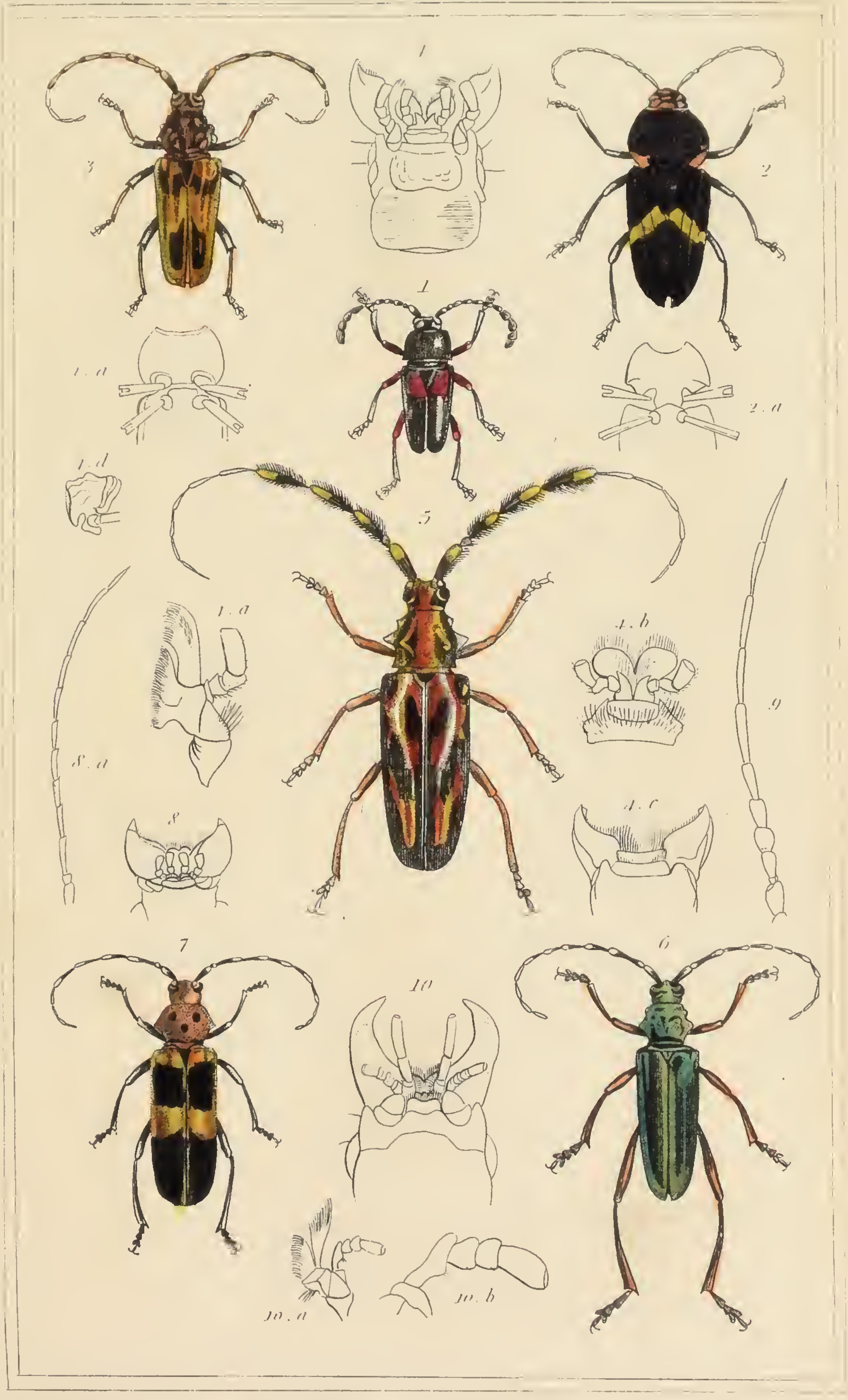

1. Lissonotus *unifasciatus. Gory.* 2. Megaderus *stigma. Fab.* 3. Tachyderes *nigrofasciatus. Gory.* 4. *Anatomical details of the* Trachyderes *succinctus. Fab.* 5. Lophonocerus *barbicornis. Oliv.* 6. Callichroma *speciosa. Gory.* 7. Acanthopterus *tripunctatus. Gory.* 8. *Anatomical details of the* Acanthopterus *budensis. Goeze.* 9. *Antennæ of the* Cerambyx *heros. Fab.* 10. *Anatomical details of the* Cerambyx *(Callichroma) hemipterus. Oliv.*

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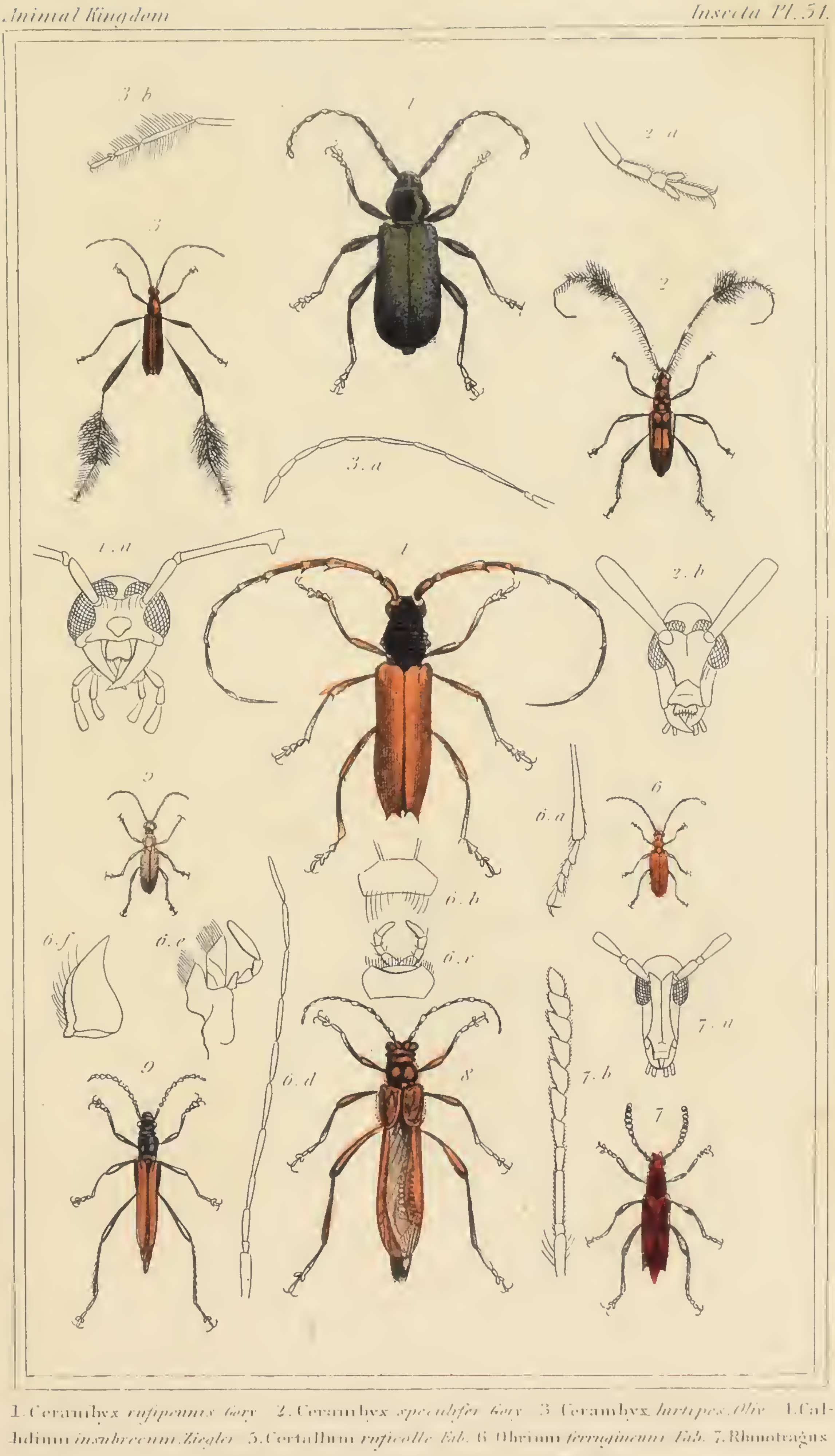

1. Cerambyx *rufipennis Gory.* 2. Cerambyx *speculifer Gory.* 3. Cerambyx *hirtipes. Oliv.* 4. Callidium *insubricum. Ziegler.* 5. Certallum *ruficolle Fab.* 6. Obrium *ferrugineum Fab.* 7. Rhinotragus *coccineus Gory.* 8. Necydalis *major Lin.* 9. Stenopterus *elegans. Klug.*

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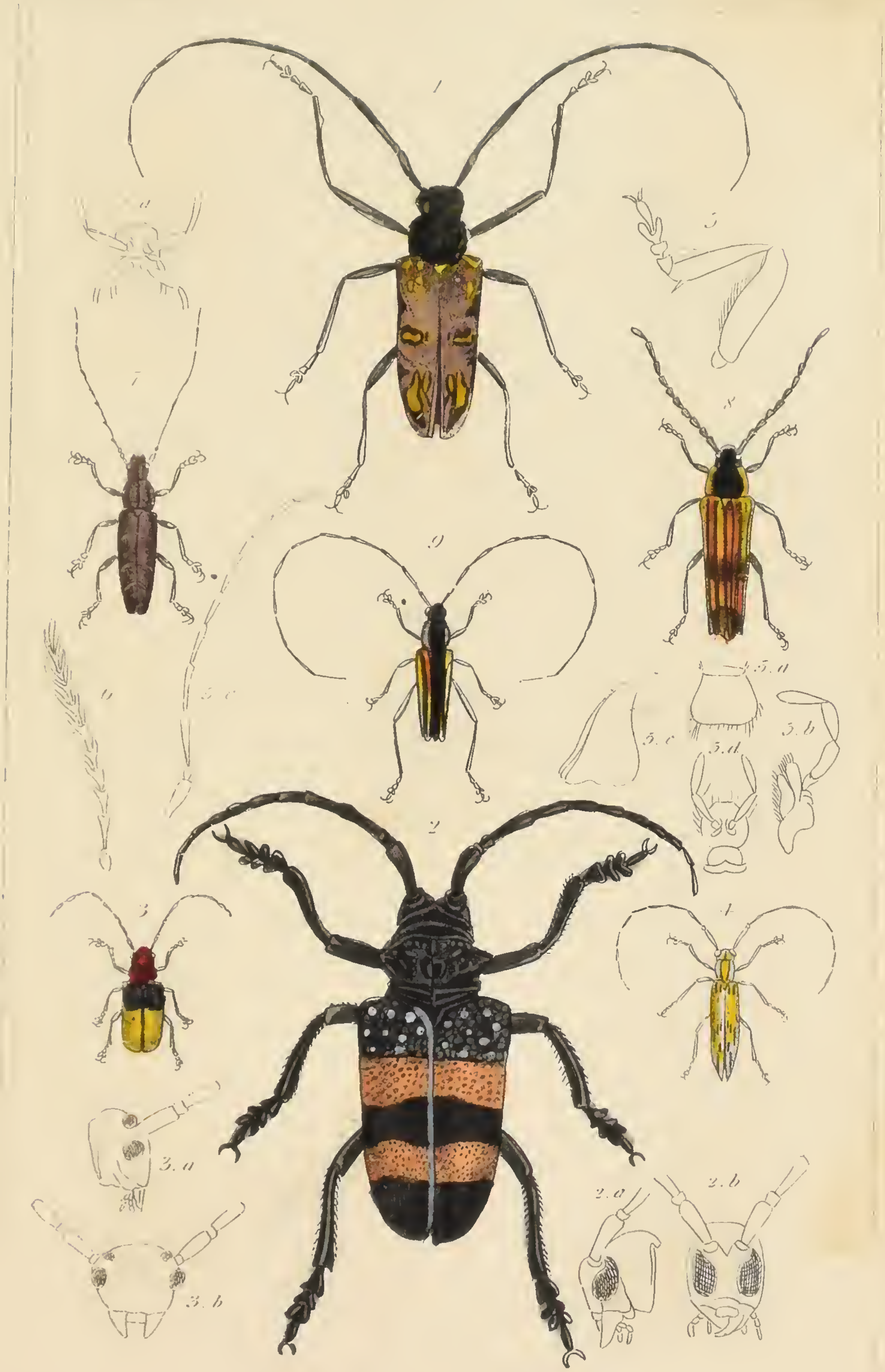

1. Acrocinus trochlearis *Gory* 2. Lamia *aurocincta Gory* 3. Tetraopes *dimidiata Gory.* 4. Saperda *albicera Guer.* 5. *Anatomical details of the* Saperda *atkinsoni tartus* 6. *Antennae of the* Distichocera *maculicollis Kirby* 7. Tmesisternus *bizonulatus Guer.* 8. Tragocerus *bidentatus Donov.* 9. Leptocera *bilineata Gory.*

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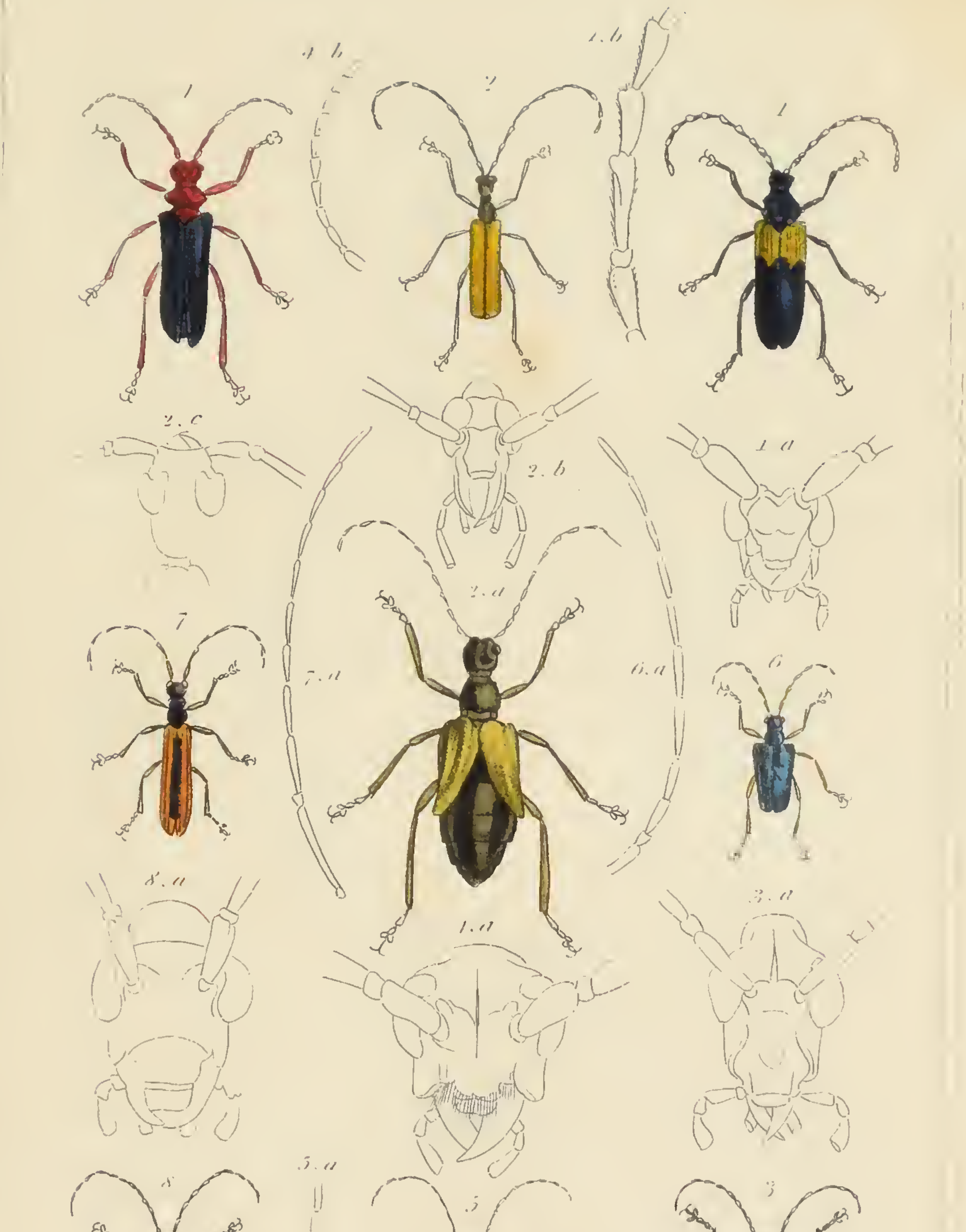

1. Desmocerus *cyaneus Fab.* 2 Vesperus *graecus Guer.* 3. Rhagium *bifasciatum Fab.* 4 Rhamnusium *salicis. Fab.* 5 Toxotus *meridianus Fab.* 6 Pachyta *Lapetta. Guer.* 7 Stenoderus *ceramboides. Kirby.* 8. Leptura *annulata Gory.*

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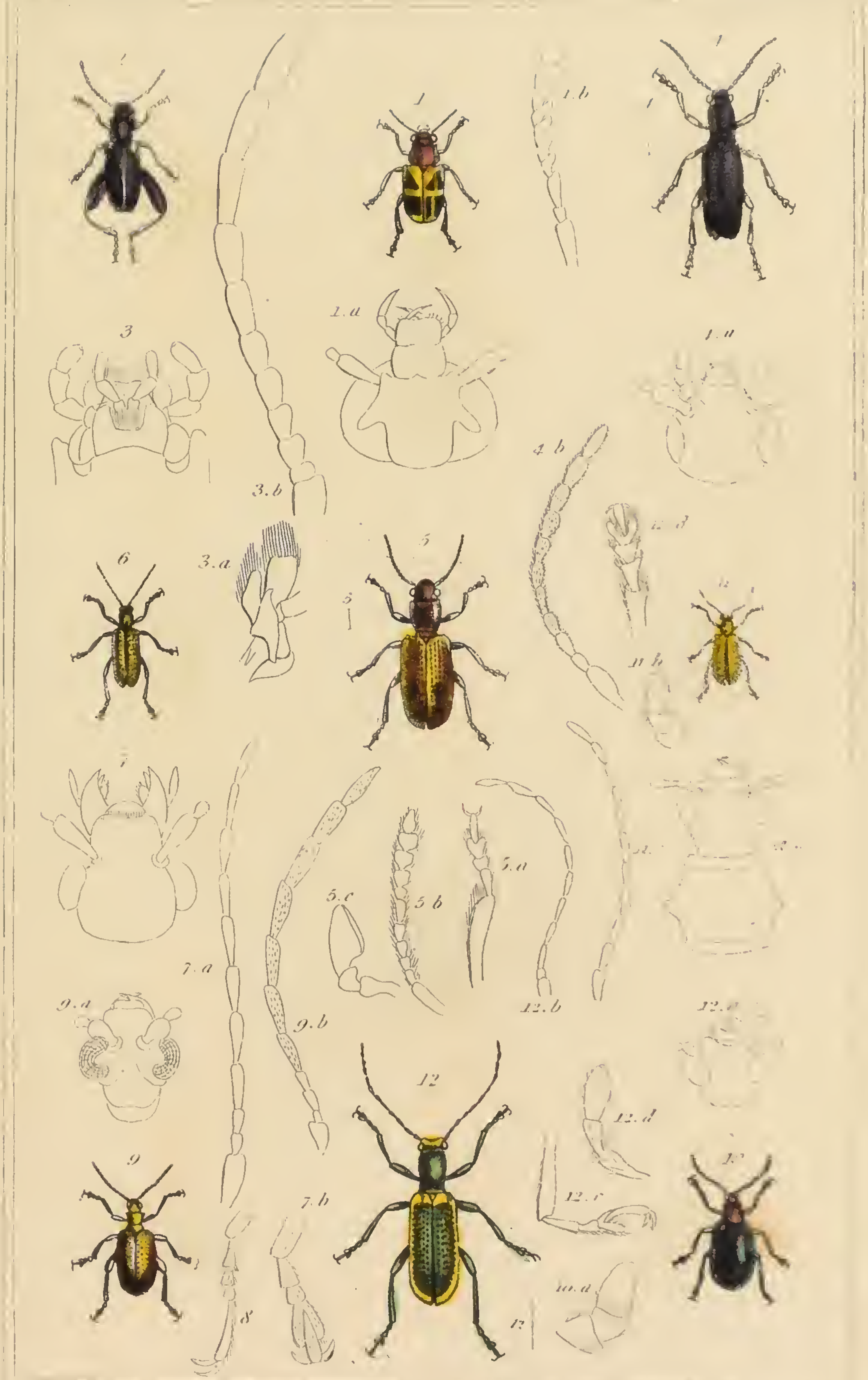

1. Megalopus *unifasciatus? Gory.* 2. Sagra *cyanea. Dalm.* 3. *Anatomical details of the* Sagra *splendida.* 4. Orsodacna *violacea. Chevr.* 5. Psammaechus *bipunctatus. F. Boudier.* 6. Donacia *fennica. Gyll.* 7. *Anatomical details of the* Donacia *sagittariae. Fab.* 8. *Hinder Tarsus of the* Haemonia *zosterae. Gyll.* 9. Petauristes *crassipes. Oliv.* 10. Crioceris *Dorycus. Guer.* 11. Anchenia *betulae. Fab.* 12. Megascelis *prasina. Chevr.*

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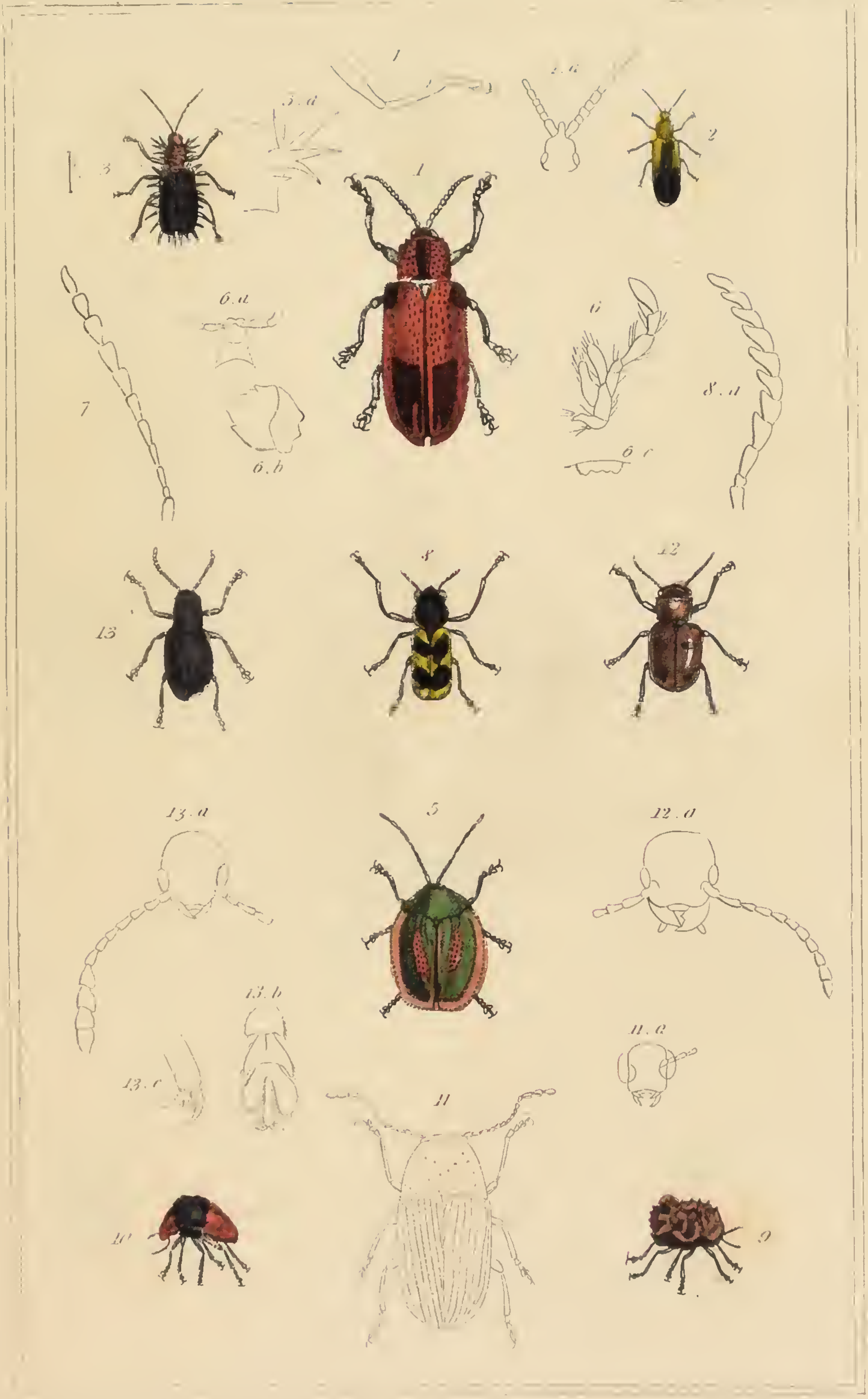

1. Alurnus *corallinus Guér.* 2. Oxycephala *cornigera Guér.* 3. Hispa *Fabricii Guér.* 4. *Anatomy of the foot of the* Chalepus *spinipes Fab.* 5. Cassida *(Cyrtosena Chevr.) longicornis Fab.* 6. *Anatomical details of the* Cassida *bicornis Fab.* 7. *Antenna of the* Cryptocephalus *speciosus Guér. Voy. Duperrey.* 8. Clythra *Percheroni Guér.* 9. Chlamys *cuprea Klug.* 10. Lamprosoma *cerrusca Guér.* 11. Choragus *sheppardi Kirby, anthr pygmaeus Robert. Mag. 2 vol. 6 IX. n° 187.* 12. Euryope *maculata Guér.* 13. Eumolpus *cyaneus Fab.*

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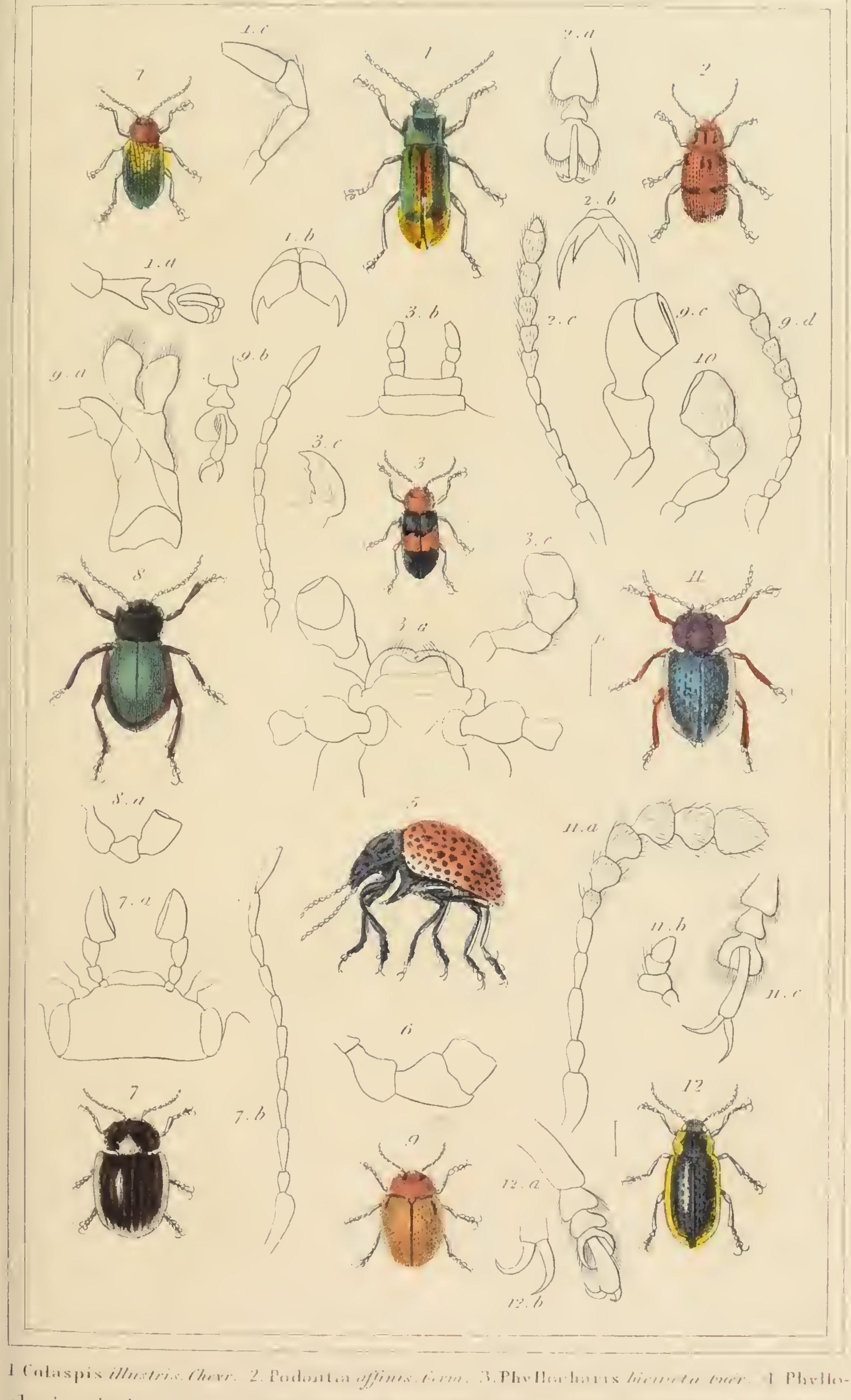

1 Colaspis *illustris. Chevr.* 2. Podontia *affinis. Grm.* 3. Phyllocharis *bicincta Guér.* 4 Phyllocharis *splendens Guér.* 5 Doryphora *multipunctata Chevr.* 6 *Palpus of the* Doryphora *ad anea Chevr.* 7 Paropsis *8 lineata Gory.* 8. Timarcha *balearica Gory.* 9. Chrysomela *humeralis Gory.* 10. *Palpus of the* Chrysomela *sanguinolenta L.* 11 Phædon *cyanopterus Guér.* 12 Prasocuris *hanoveriana. Fabr.*

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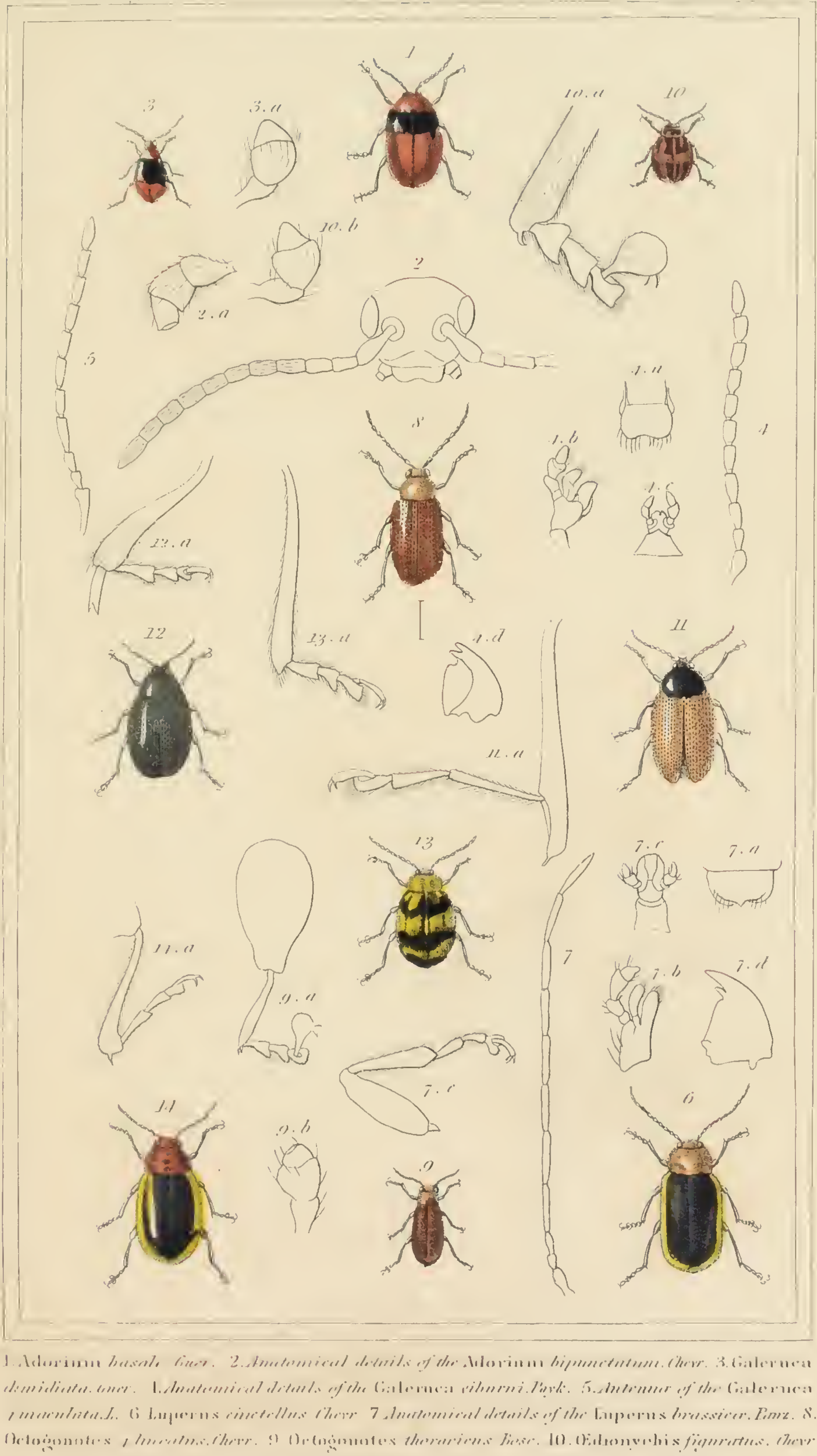

1. Adorium *basale. Guer.* 2. *Anatomical details of the* Adorium *bipunctatum. Chevr.* 3. Galeruca *demidiata. Guer.* 4. *Anatomical details of the* Galeruca *viburni. Payk.* 5. *Antennæ of the* Galeruca *4 maculata. L.* 6 Luperus *cinctellus Chevr* 7 *Anatomical details of the* Luperus *brassicæ. Panz.* 8. Octogonotes *4 lineatus. Chevr.* 9 Octogonotes *thoracicus. Bosc.* 10. Œdionychis *figuratus. Chevr.* 11 Psylliodes *Anglica. Chevr* 12 Dibolia *borealis Chevr.* 13. Altica *Chevrolatii. Guer.* 14 Longitarsus *dorsalis Fab.*

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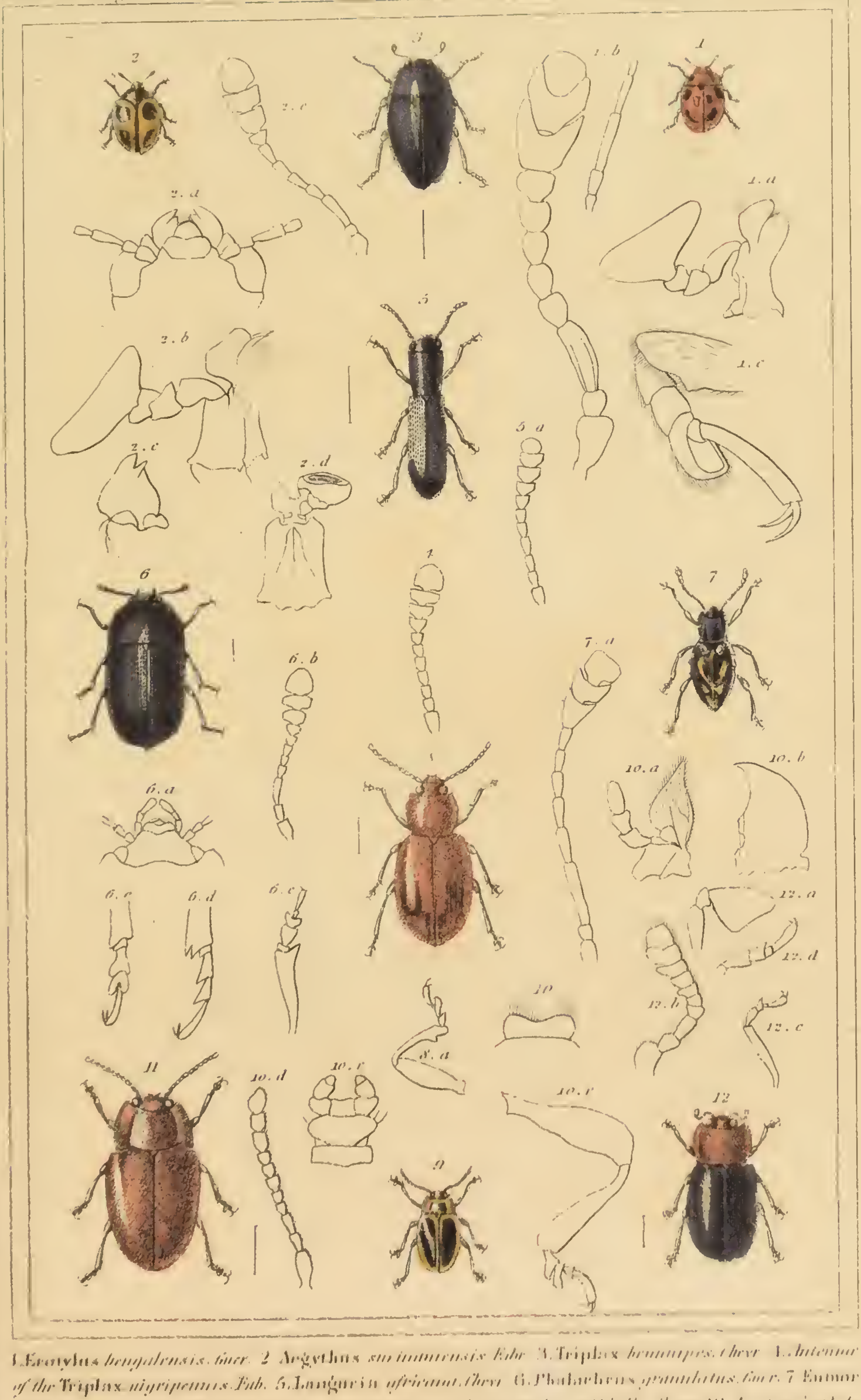

1. Erotylus *bengalensis. Guer.* 2. Aegithus *surinamensis. Fabr.* 3. Triplax *brunnipes. Chevr.* 4. *Antennæ of the* Triplax *nigripennis. Fab.* 5. Languria *africana. Chevr.* 6. Phalacrus *granulatus. Guer.* 7. Eumorphus *lunatus. Guer.* 8. Dapsa *trimaculata. Megerle.* 9. Endomychus *tibialis. Chevr.* 10. *Anatomical details of the* Lycoperdina *bovistae. Fabr.* 11. Lycoperdina *lata. Chevr.* 12. Lithophilus *ruficollis. Dahl.*

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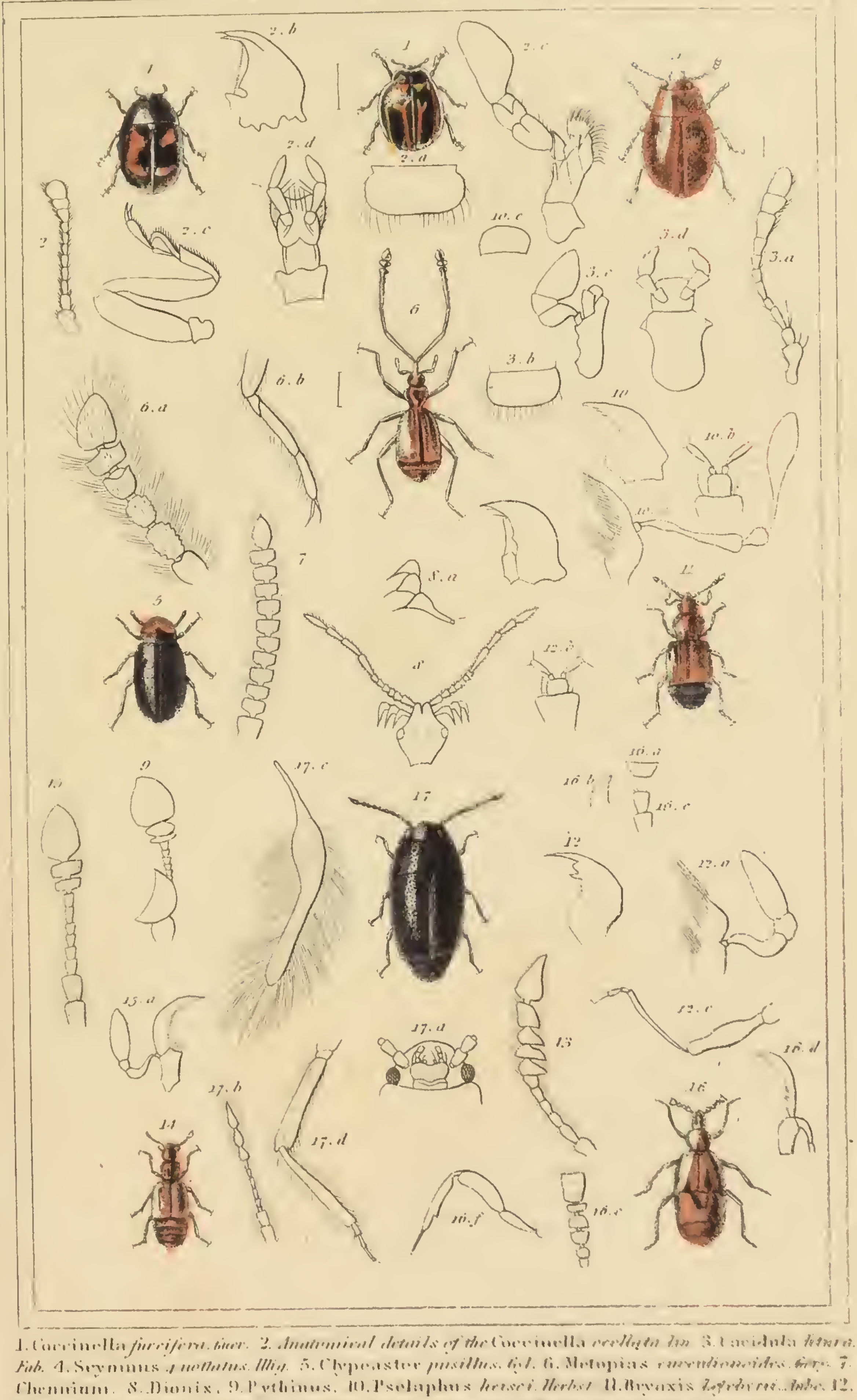

1. Coccinella *furcifera. Guer.* 2. *Anatomical details of the* Coccinella *ocellata. Lin.* 3. Cacidula *litura. Fab.* 4. Scymnus *4 notatus. Illig.* 5. Clypeaster *pusillus. Gyl.* 6. Metopias *curculionoides. Gory.* 7. Chennium. 8. Dionix. 9. Pythinus. 10. Pselaphus *heisei. Herbst.* 11. Bryaxis *Lefebvrei. Aube.* 12. Bryaxis *longicornis. Leach.* 13. Bryaxis *Antennata. Aube.* 14. Euplectus *Kirbii. Denny.* 15. *Anatomical details of the* Euplectus *nanus. Reich.* 16. Claviger *foveolatus. Mull.* 17. Ptilium *fasciculare. Herbst.*

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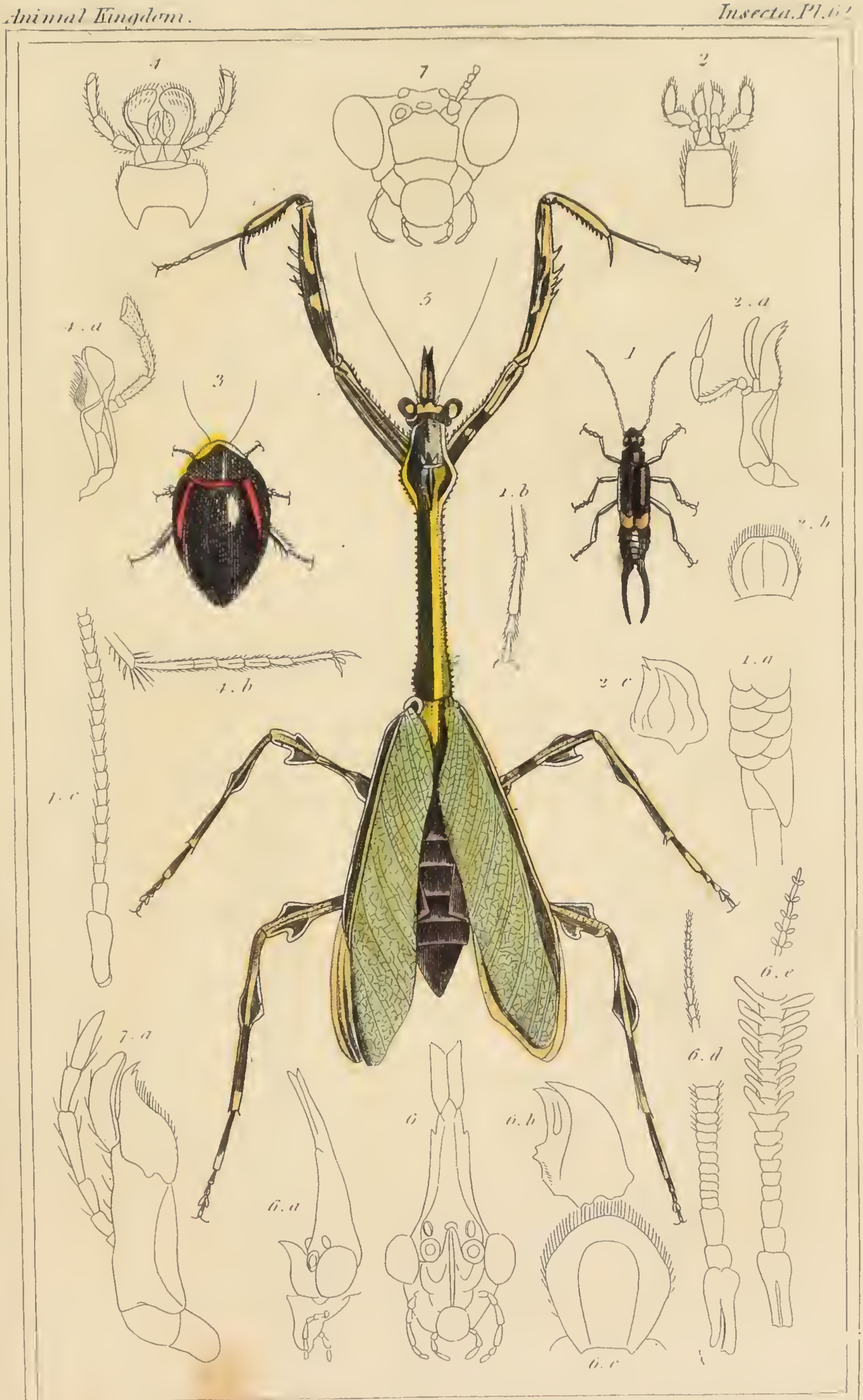

1 Forficula (*Spongiphora Serv.*) *croceipennis. Serv.* 2. *Anatomical details of the* Forficula *auricularia. Lin.* 3. Blatta (*Thoraspis Serv.*) *picta. Fab.* 4. *Anatomical details of the* Blatta *Ægyptiaca. Fab.* 5. Empusa *lobipes. Olivier.* 6. *Anatomical details of the* Empusa *pauperata. Fab.* 7. *Anatomical details of the* Mantis *religiosa. Lin.*

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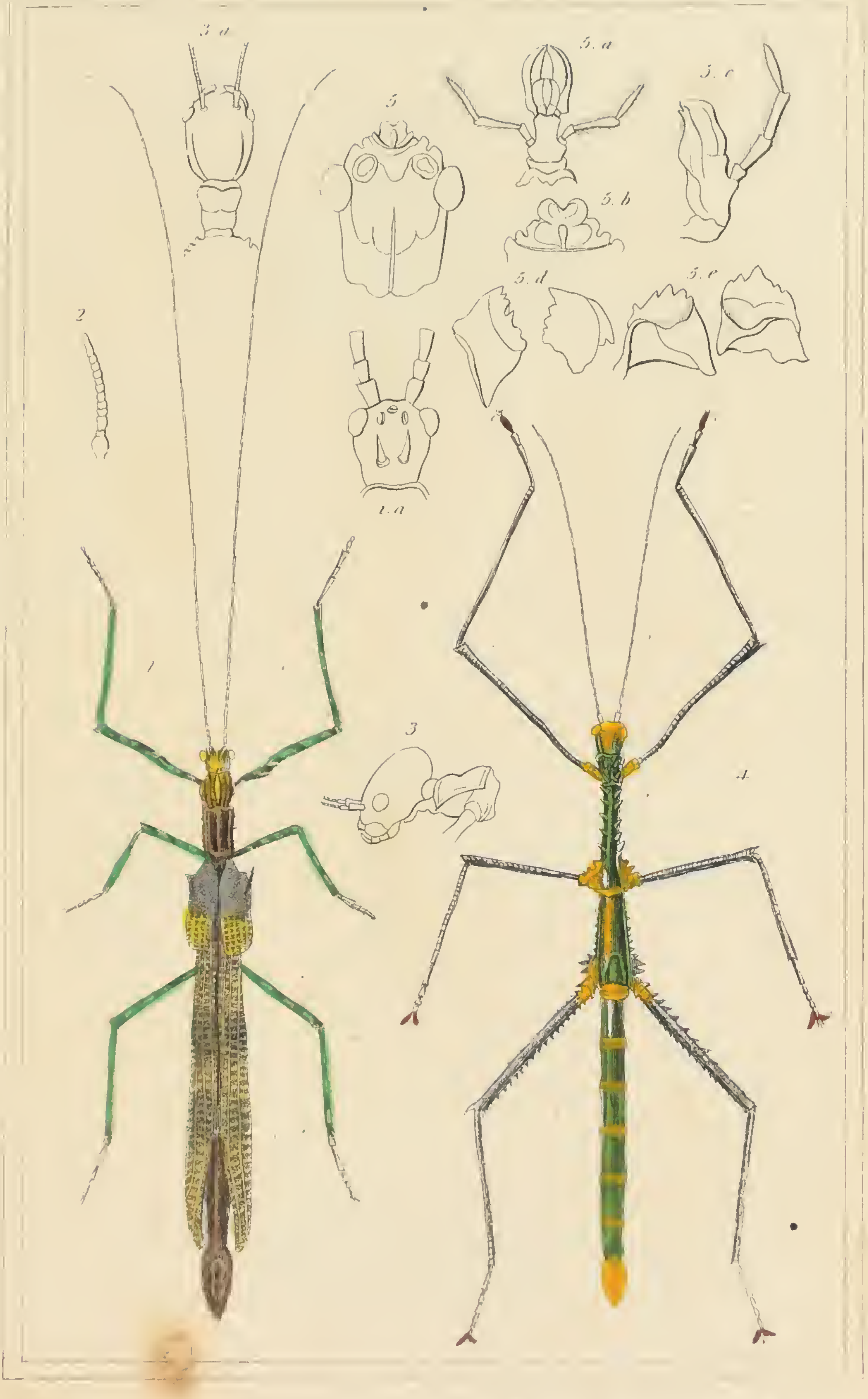

1. Phasma *annulata. Serv.* 2. *Antenna of the* Bacillus 3. *Head of the* Cyphocrana. 4. Bacteria *scabrosa. Perch.* 5. *Anatomical details of the* Cladoxerus *rosipennis. Guer.*

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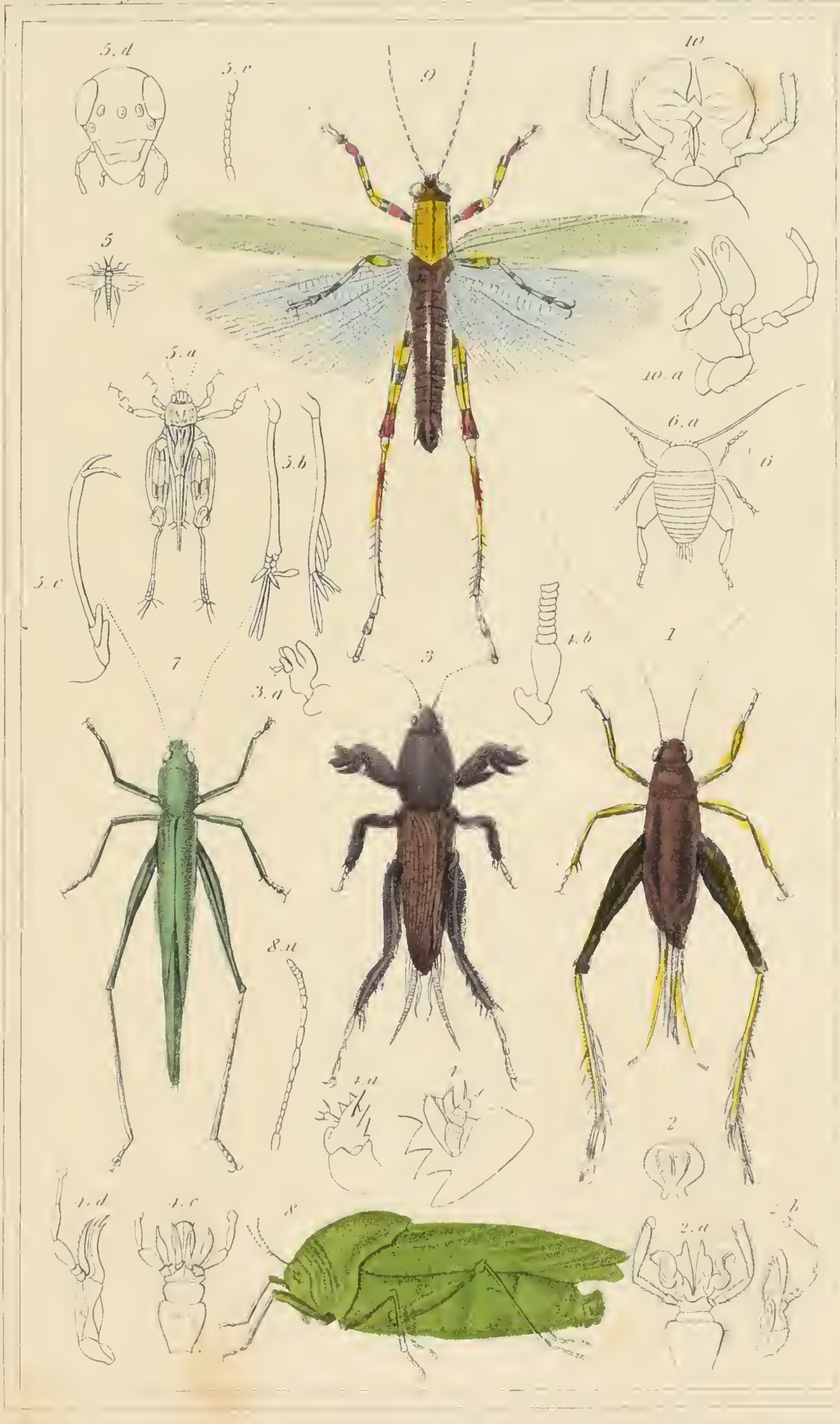

1. Gryllus *Servillei Guér.* 2. *Anatomical details of the* Gryllus *campestris. Fab.* 3. Gryllotalpa *didactylus Latr.* 4. *Anatomical details of the* Gryllotalpa *vulgaris.* 5. Tridactylus *fasciatus. Perch.* 6. Myrmecophila *acervorum. Panzer.* 7. Locusta *erythrosoma. Encyclopedie.* 8. Pneumora *manis. Fab.* 9. Acrydium *tarsatum. Serv.* 10. *Anatomical details of the* Acrydium *migratorium.*

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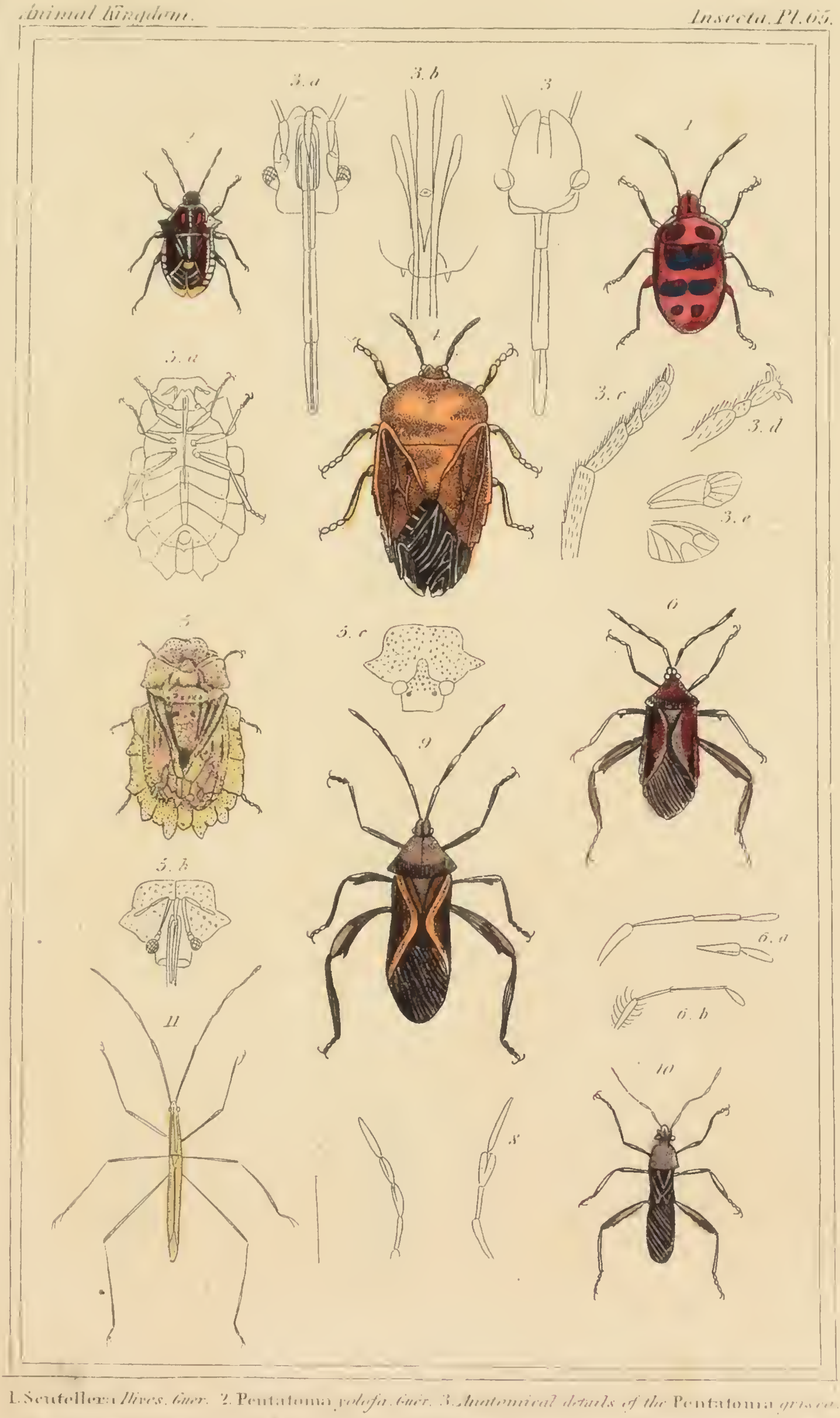

1. Scutellera *Dives. Guer.* 2. Pentatoma *rolofa. Guer.* 3. *Anatomical details of the* Pentatoma *grisea. Latr.* 4. Tesseratoma *Sonneratii. Serv & S.t Farg.* 5. Phlæa *cassidoides. Serv & S.t Farg.* 6. Coreus *rubiginosus Guer.* 6. a. *Antennæ of the* Gonocerus 6. b. *Antennæ of the* Syromastes. 7. *Antenna of the* Pachlis 8. *Antennæ of the* Holhymenia. 9. Anisoscelis *profanus Fab.* 10. Alydus *mi albicornis Guer.*
11. Neides *? pelaria Latr.*

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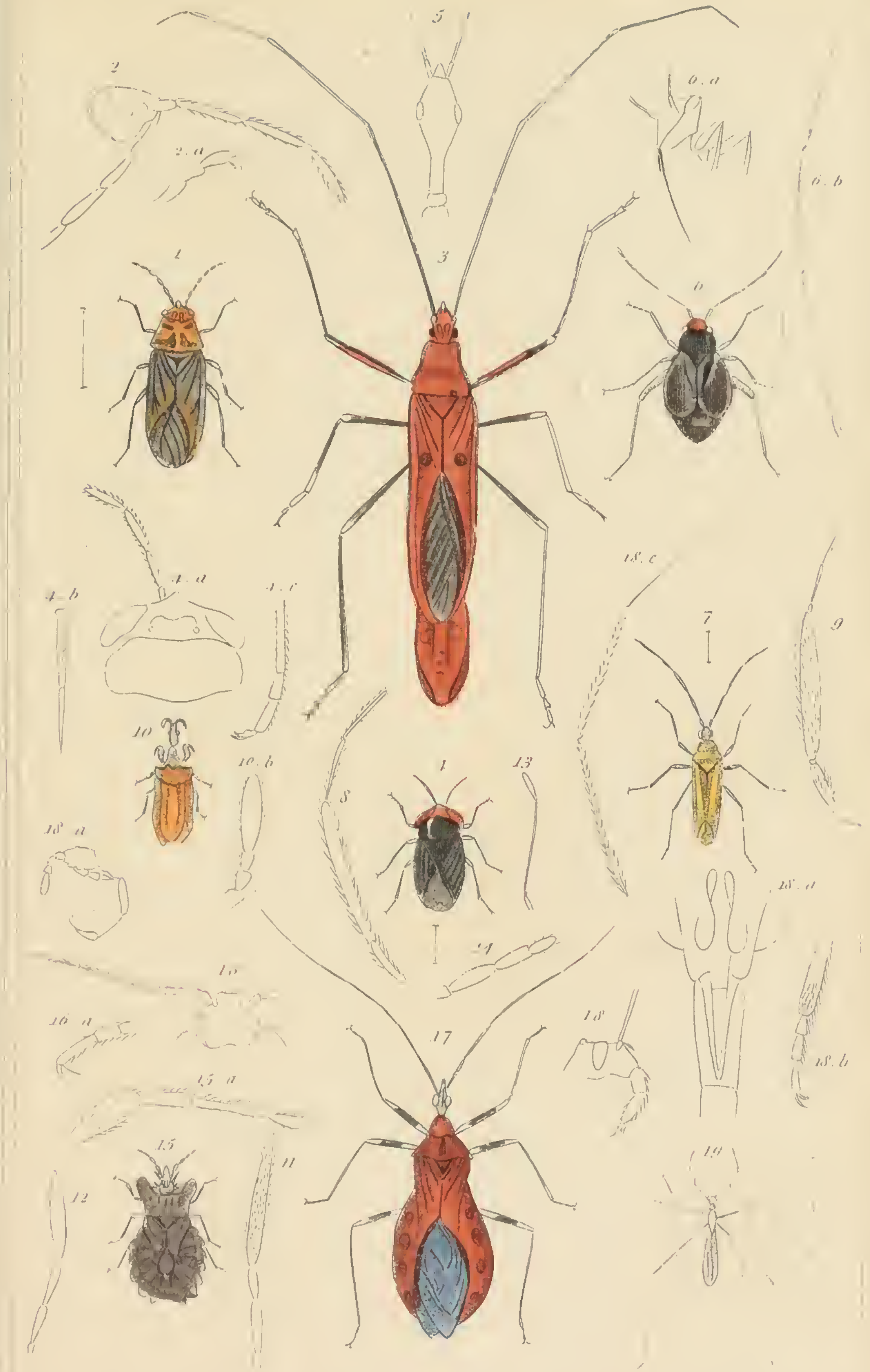

1 Lygaeus *Pieri Guér.* 2 *Anatomical details of the* Lygaeus *apterus L.* 3 Macrocheraia *grandis* [illegible] 4 Salda *erythrocephala Ser.* 5 *Head of the* Myodocha *tipuloides Lat.* 6 Astemma *mercurialis Guér.* 7 Myris *pulchellus, Guér.* 8 *Antennae of the* Capsus *flavicollis, Fab.* 9 *Antennae of the* Heterotoma *spissicornis Lat.* 10 Macrocephalus *affinis Guér.* 11 *Antennae of the* Ph. *crassipes F.* 12 *Antennae of the* Ph. [illegible] *F.* 13 *Antennae of the* Tingis *pyri F.* 14 *Antennae of the* Aradus *corticalis.* 15 Aradus *lunatus F.* 16 *Anatomical details of the* Cimex *lectularius L.* 17 Reduvius *amoenus Guér.* 18 Reduvius [illegible]
19 Ploiaria *pallida Guér.*

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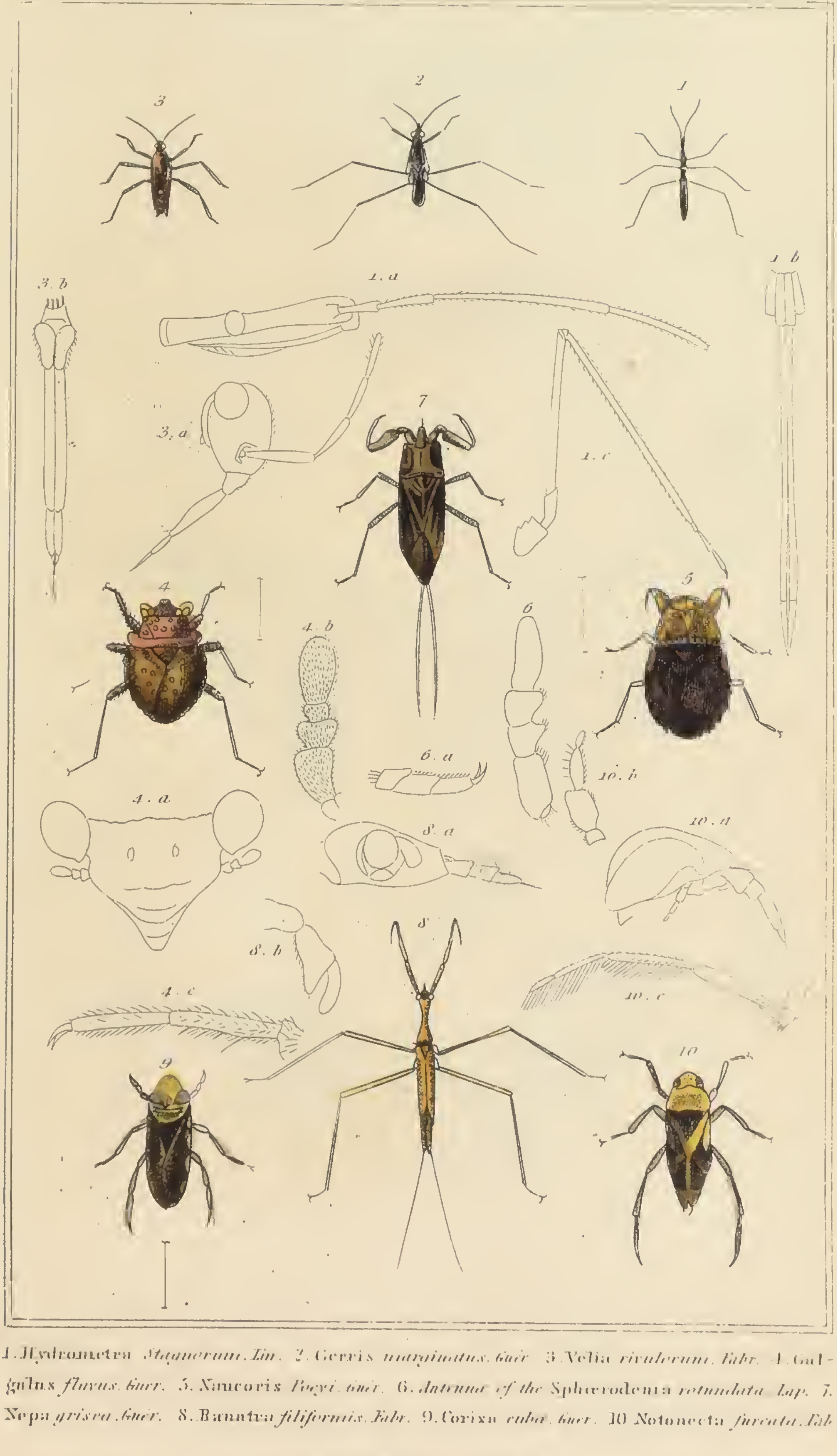

1. **Hydrometra** *Stagnorum. Lin.* 2. **Gerris** *marginatus. Guér.* 3. **Velia** *rivulorum. Fabr.* 4. **Galgulus** *flavus. Guér.* 5. **Naucoris** *Poeyi. Guér.* 6. *Antenna of the* **Sphærodema** *rotundata. Lap.* 7. **Nepa** *grisea. Guér.* 8. **Ranatra** *filiformis. Fabr.* 9. **Corixa** *cuba. Guér.* 10 **Notonecta** *furcata. Fab.*

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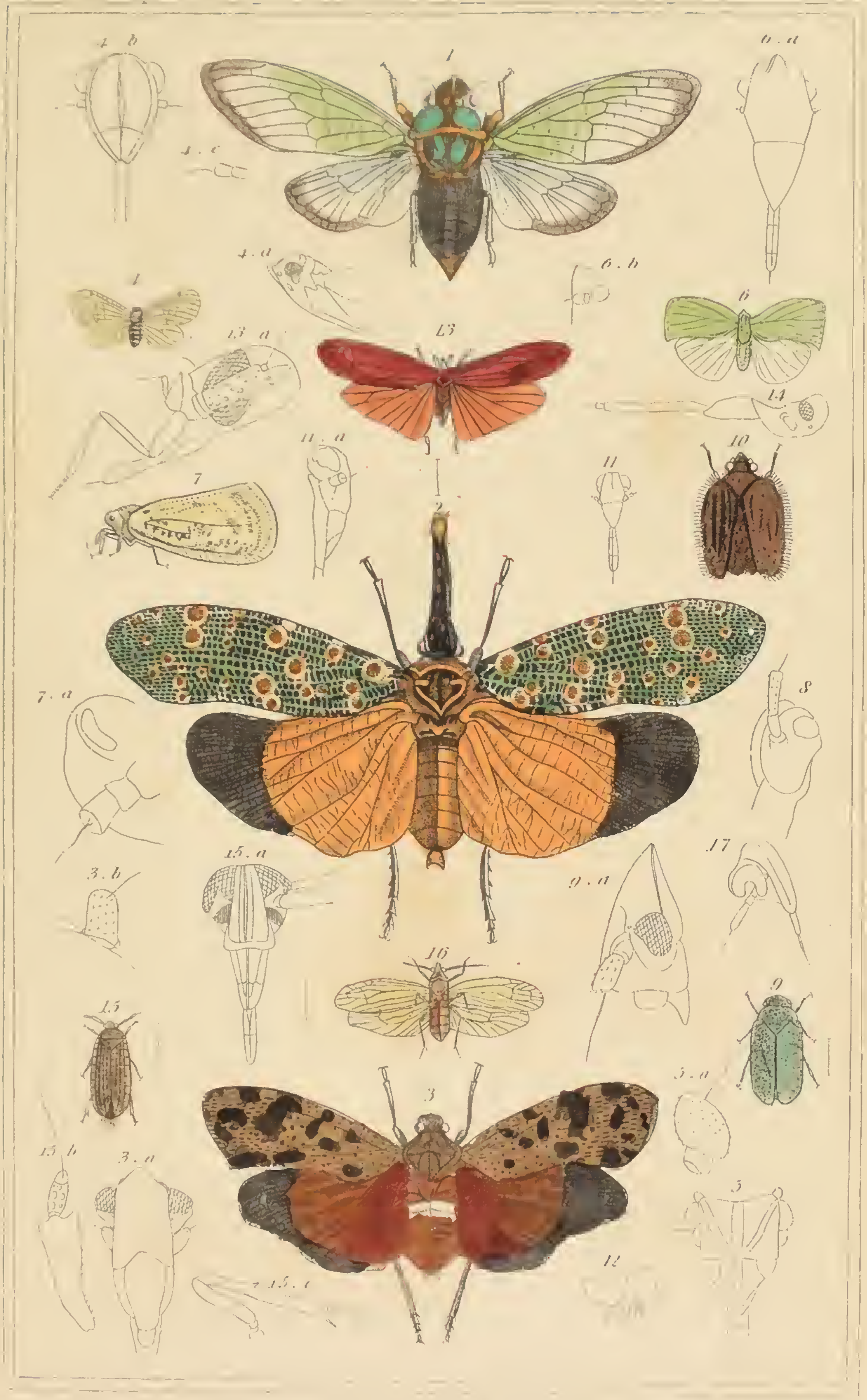
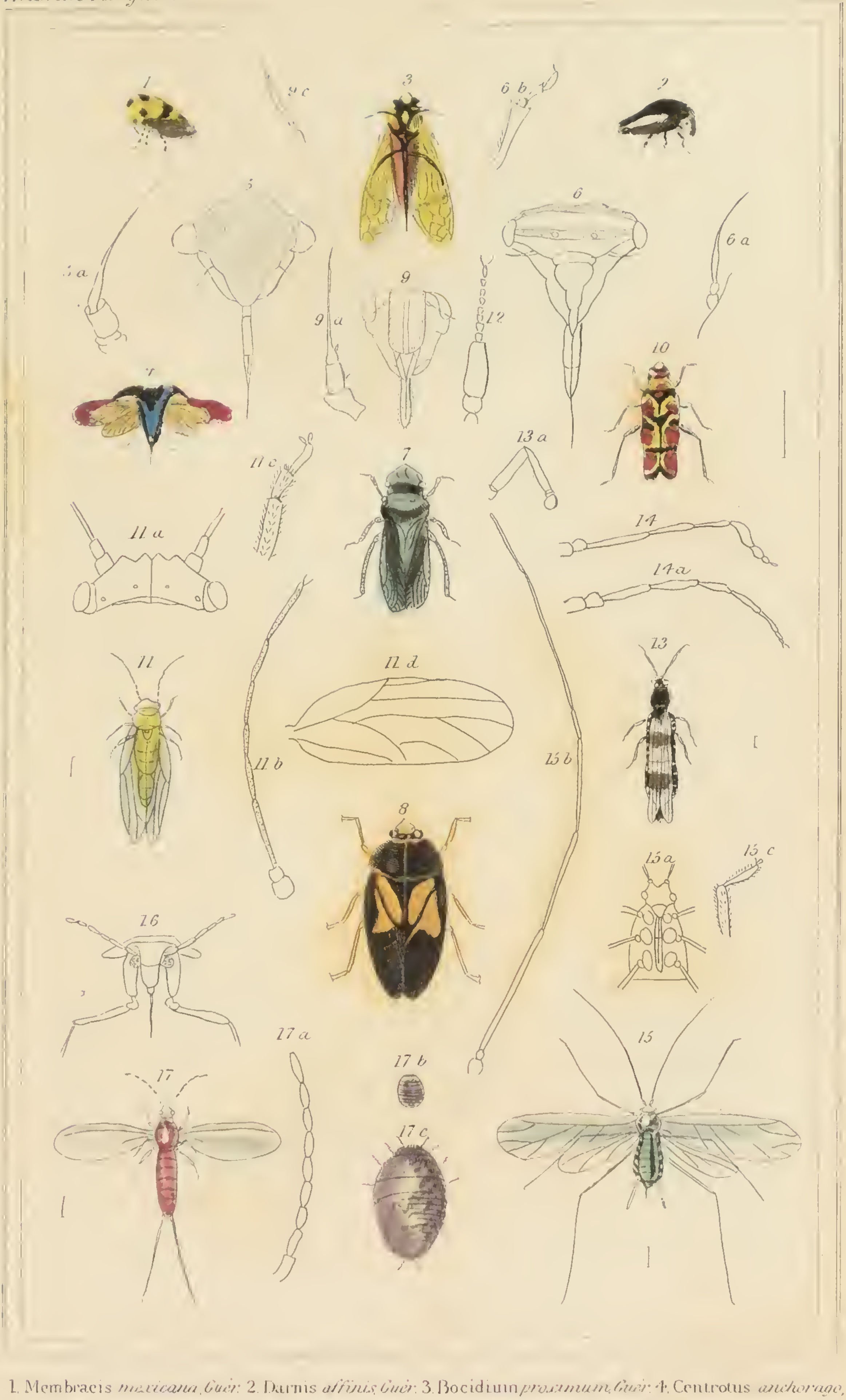


1. Cicada *Diardi. Guér.* 2. Fulgora *Lathreillei Kirby* 3. Aphæna *variegata. Guerin* 4. Cixius *pellucidus. Guér.* 5. *Head of the* Lystra *lanata F.* 6. Ricania *marginella. Guer.* 7. Pœciloptera *maculata. Guer.* 8. *Head of the* Flata *flexuosa Guer.* 9. Tettigometra *virescens. Lat.* 10. Issus *pectinipennis Guer.* 11. *Head of the* Issus *coleoptratus F.* 12. *Head of the* Otiocerus *Coquebertii Kirby.* 13. Anotia *coccinea. Guér.* 14. *Head of the* Derbe *pallida Fab.* 15. Asiraca *clavicornis. Fab.* 16. Ugyops *Percheronii Guér.* 17. *Head of the* Delphax *minuta. F.*



1. Membracis *mexicana, Guér.* 2. Darnis *affinis, Guér.* 3. Bocidium *proximum, Guér.* 4. Centrotus *anchorago, Guér.* 5. *Anatomical details of the* Cent. *cornutus F.* 6. *Anatomical details of the* Ætalion *reticulatum, Lat.* 7. Ledra *aurita, F.* 8. Cercopis *Urvillei, Serr.* 9. *Anatomical details of the* Cer. *sanguinolenta, Panz.* 10. Tettigonia *pulchella, Guér.* 11. Psilla *genistæ Guér.* 12. *Antennæ of the* Livia. 13. Thrips *fasciata, F.* 14. *Antennæ of the* Thr. *ulmi, F.* 15. Aphis *rosæ, F.* 16. *Head of the* Aleirodes. 17. Coccus *cacti, L.*

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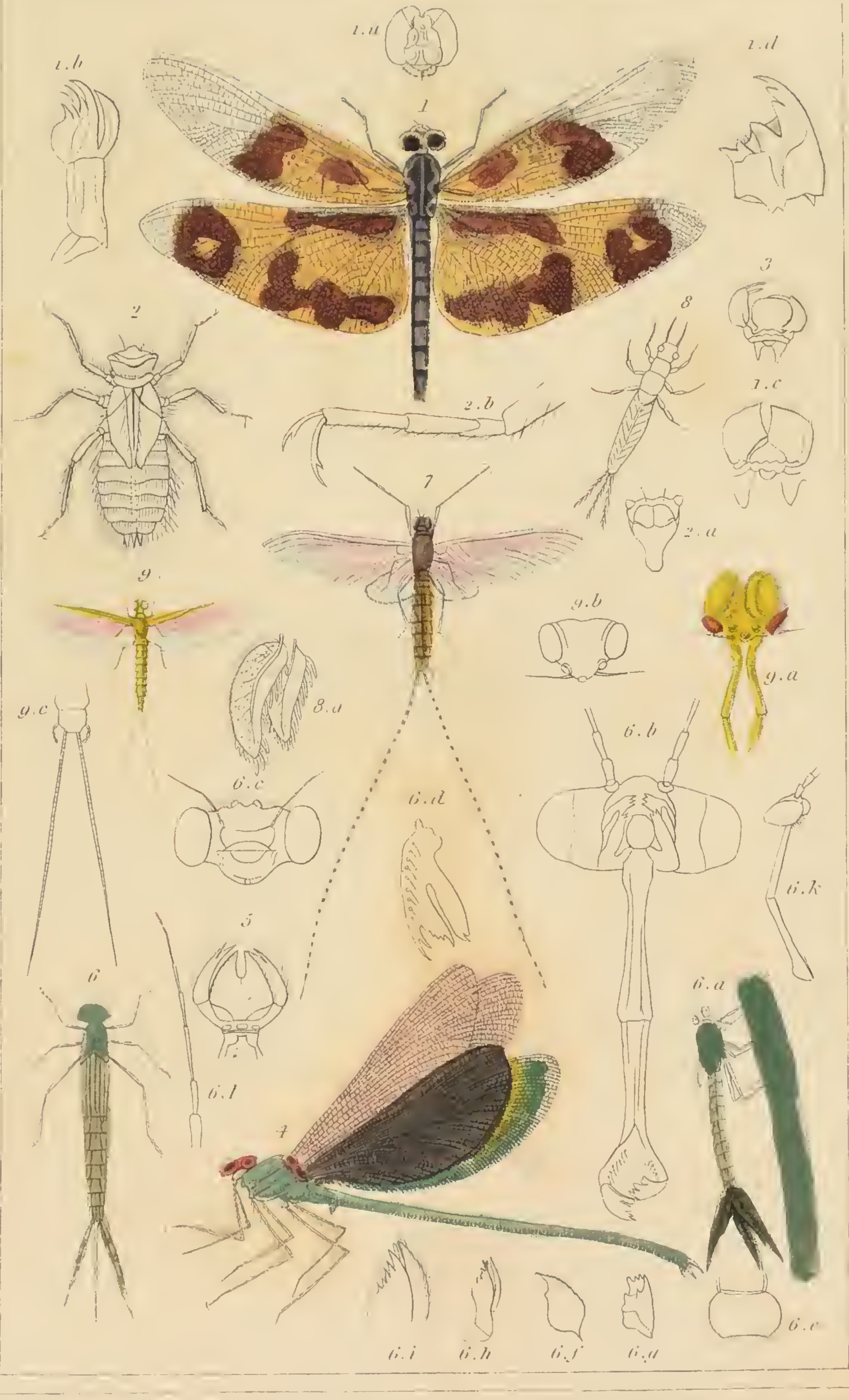

1. Libellula *indica. Fabr.* 2. *Nymphæ of the* Libellula *depressa. Lin.* 3. *Hinder claws of the* Æshne *of Egypt.* 4. Agrion *chinensis Guer. Fab.* 5. *Hinder claws of the* Agrion *virgo. Fab.* 6. *Nymphæ and Anatomical details of the* Agrion *puella. Lin.* 7. Ephemera *limbata. Serv.* 8. *Larva of the* Ephemera *vulgata. Lin.* 9. Ephemera *bioculata. Fabr.*

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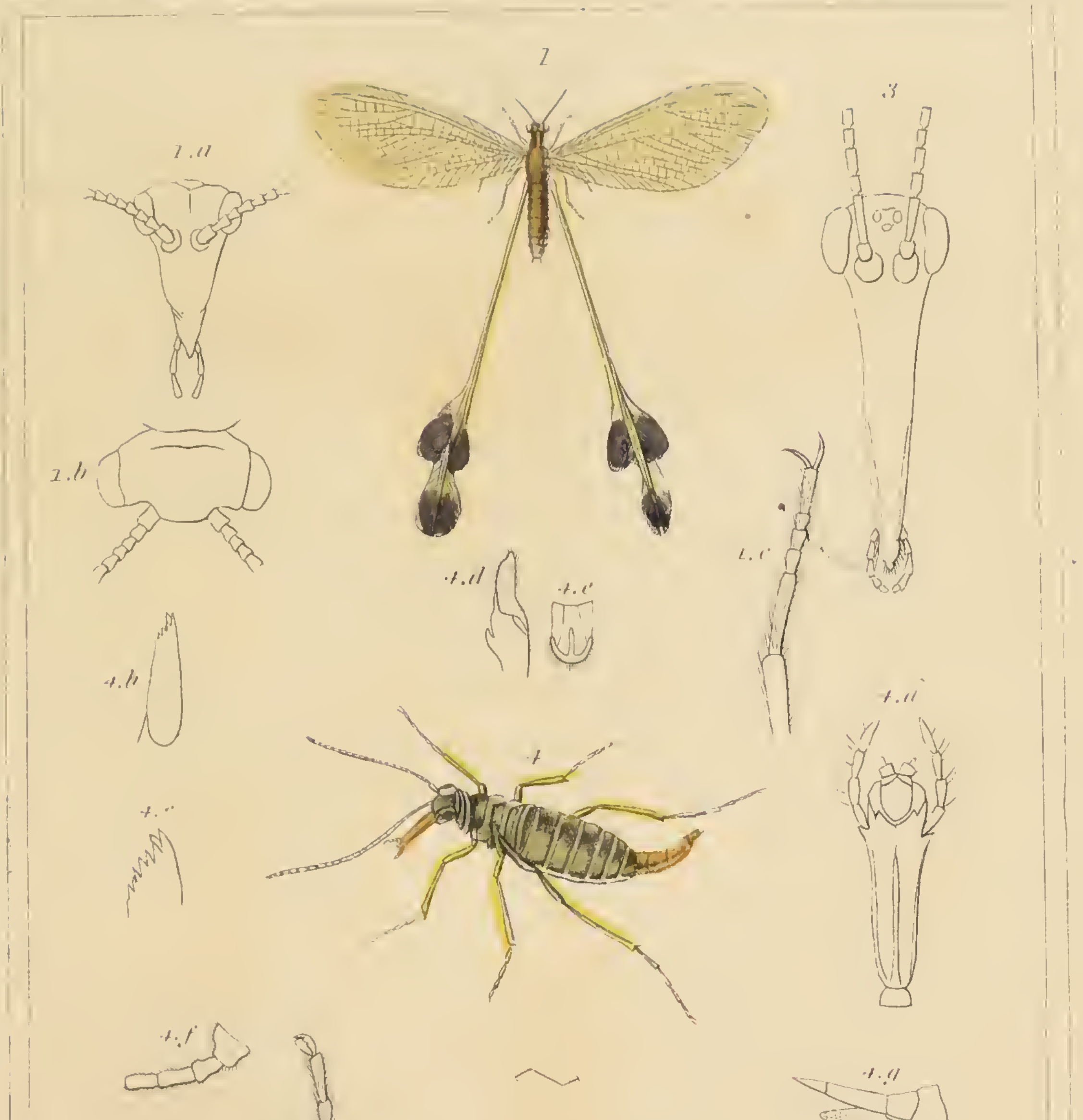

1. **Nemoptera** *extensa. Oliv. (halterata Fab.)* 2. **Bittacus** *tipularius. Latr.*
3. *Anatomical details of the* **Panorpa** *communis. Lin.* 4. **Boreus** *hiemalis. Lin.*

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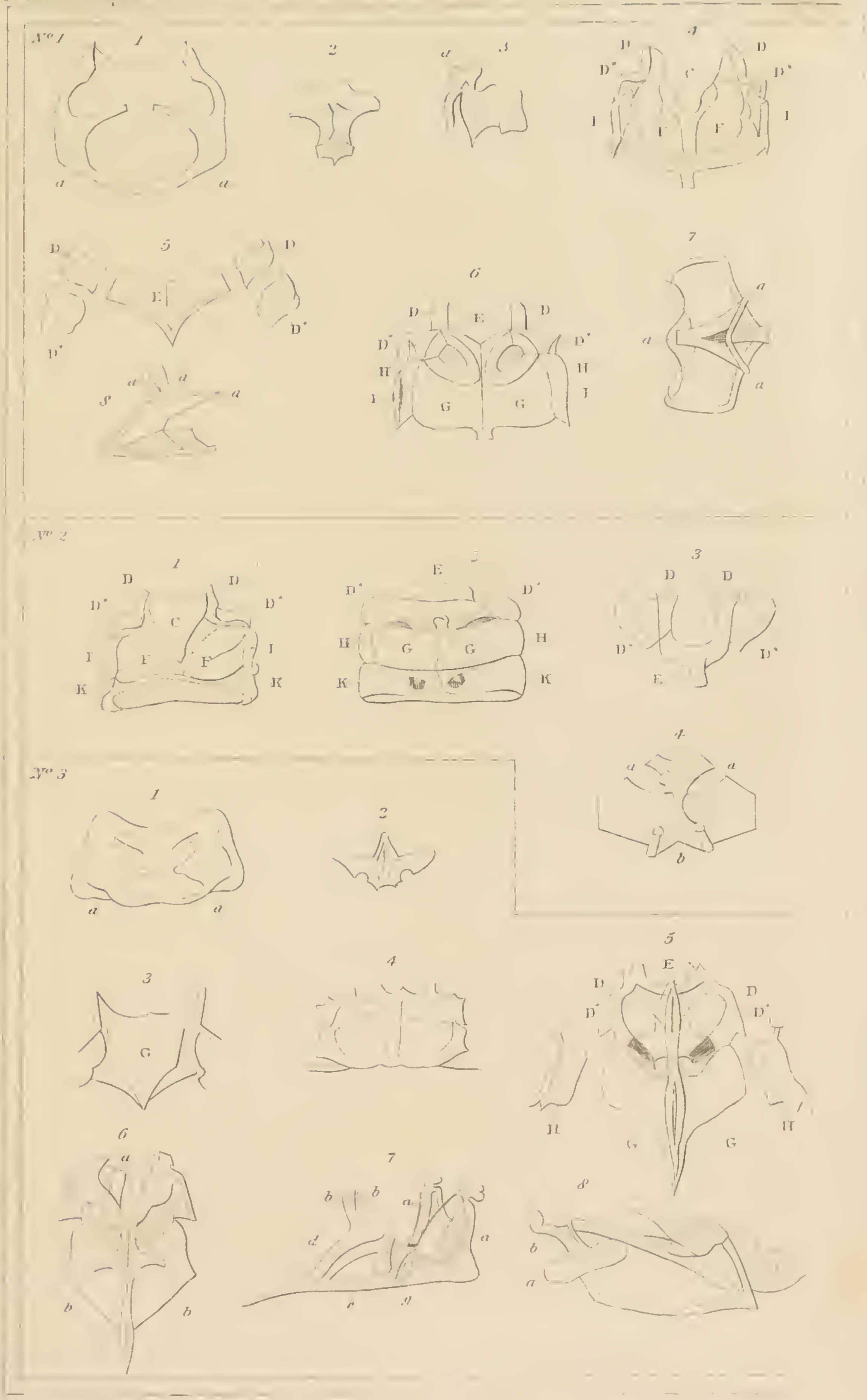
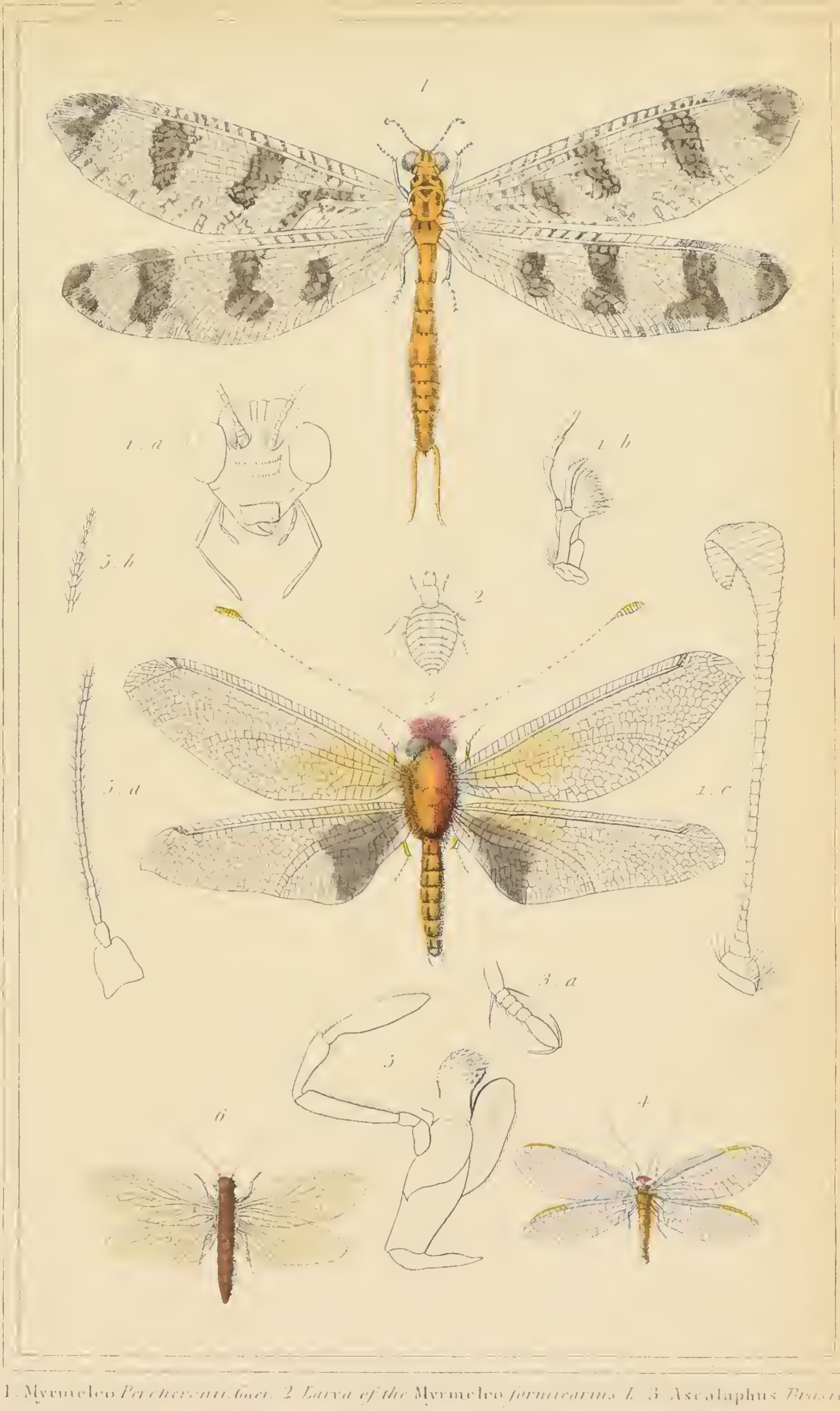


Organs of Motion in Insects.



1. Myrmeleo *Percheronii, Guer.* 2 *Larva of the* Myrmeleo *formicarius L.* 3 Ascalaphus *Brasilianus, Guér.* 4 Hemerobius *capitatus, Fabr.* 5. *Anatomy of the* Hemerobius *of Egypt.* 6 Sialis *lutarius Latr.*

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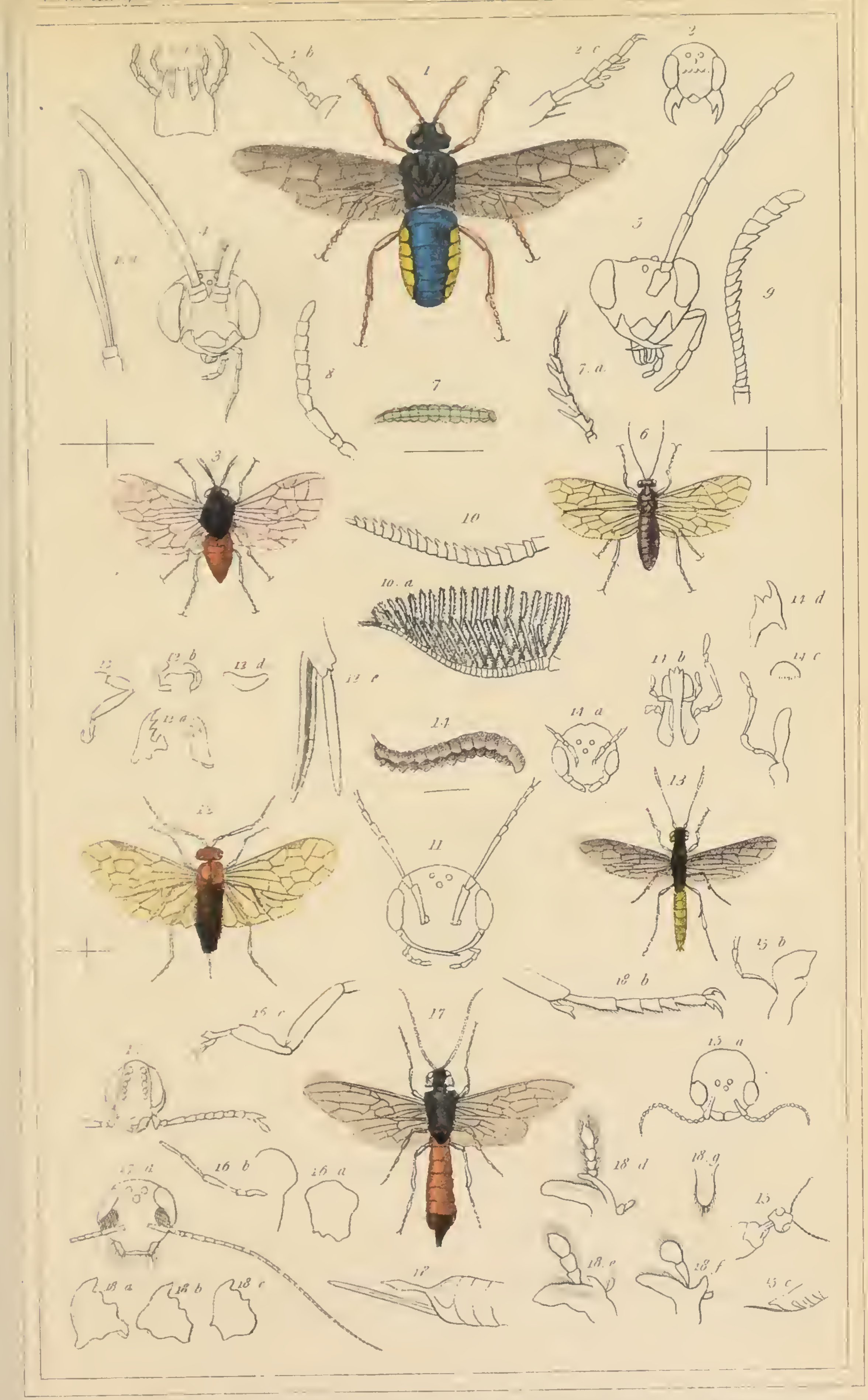

1. Cimbex *lateralis. Guer.* 2. *Anatomy of the* Perga. 3. Schizocera *furcata. Fab.* 4 *Anatomy of the* Hylot. 5 *Anatomy of the* Tenthredo. 6. Cladius *pallipes. Lep.* 7. *Anatomy of the* Cladius *difformis.* 8. *Anatomy of the* Athalia 9. *Anatomy of the* Pterygophorus. 10. *Anatomy of the* Lophyrus 11. *Anatomy of the* Pamphilius. 12. Xyela *pusilla. Dal.* 13. Cephus *flaviventris. Lef.* 14. *Larva &c. of the* Cephus *pygm.* 15. *Anatomy of the* Xyph. 16 *Anatomy of the* Oryssus. 17. Sirex *Lefebvre.* 18 *Anatomical details of the* Sirex.

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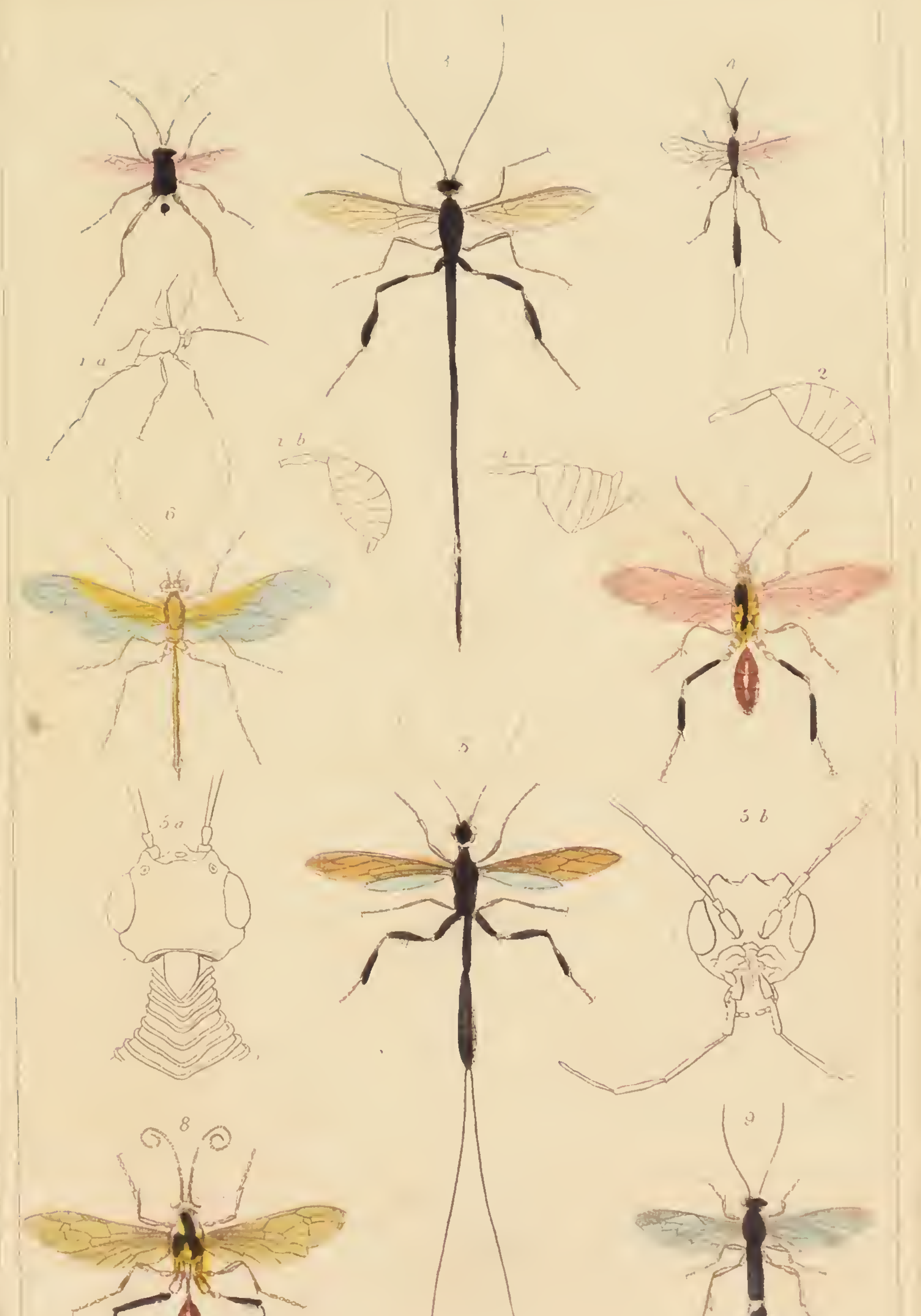

1 Evania *Cubæ, Guer.* 2 *abdomen of the* Evania *appendigaster, Fab.* 3 Pelecinus *polycerator, Lat.* 4 Fœnus *[illegible]* *Serv.* 5 Stephanus *furcatus, Serv.* 6 Ophion *marginatus, Fab.* 7 Joppa *picta* *Serv.* 8 Ichneumon *[illegible]* *Grav.* 9 [illegible] *suarius Grav.*

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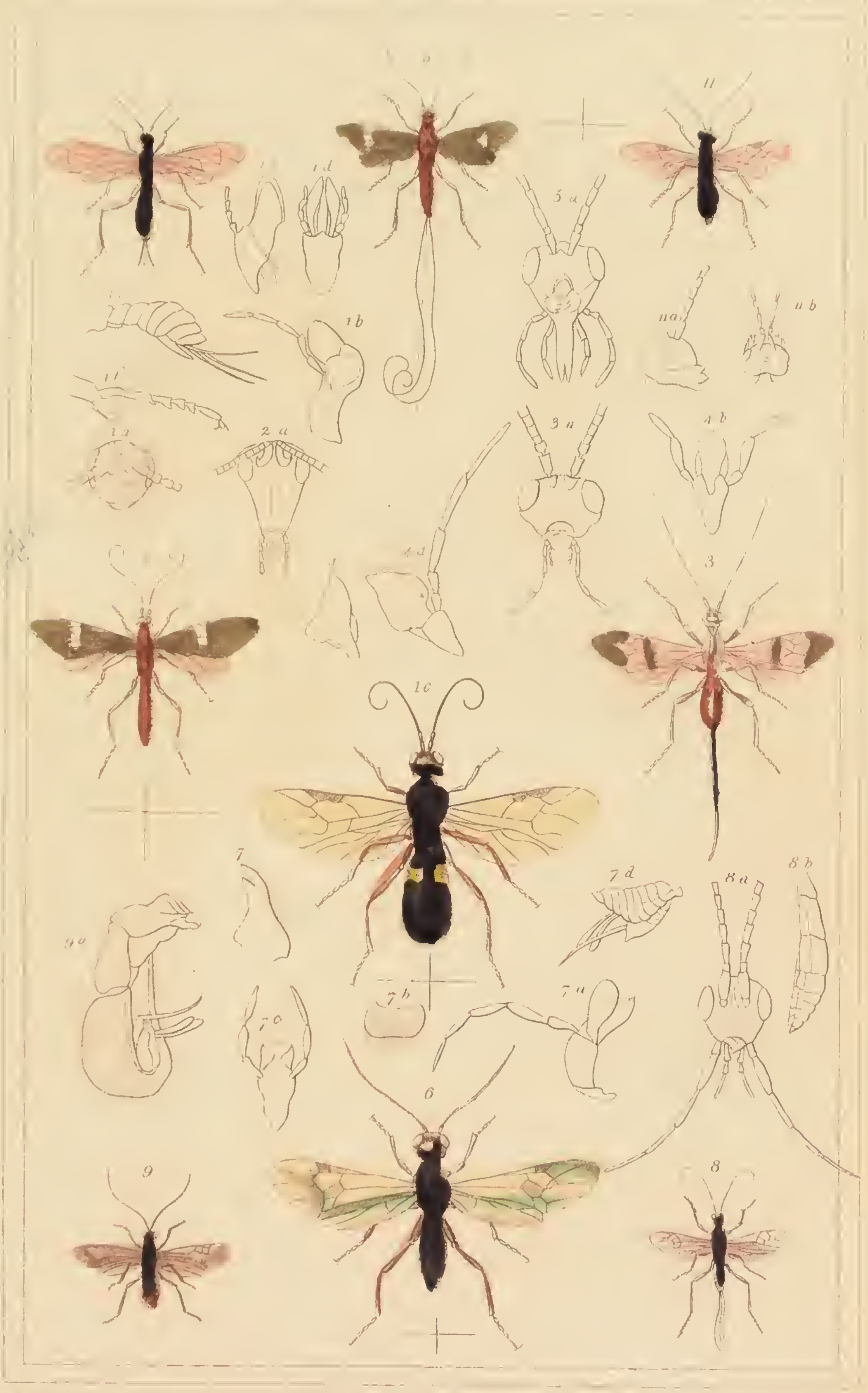

1 Acaenitus arator Rossi 2 Agathis purgator Fab 3. Bracon ornator Fab. 4 Anatomical details of the Bracon denigrator Lin 5 Vipio nominator Latr 6. Microgaster deprimator Latr 7. Anatomical details of the Microgaster alvearius Lin 8 Helcon spinator Serv 9 Sigalphus irrorator Latr 10. Chelonus oculator Jurine 11. Alysia manducator Fab.

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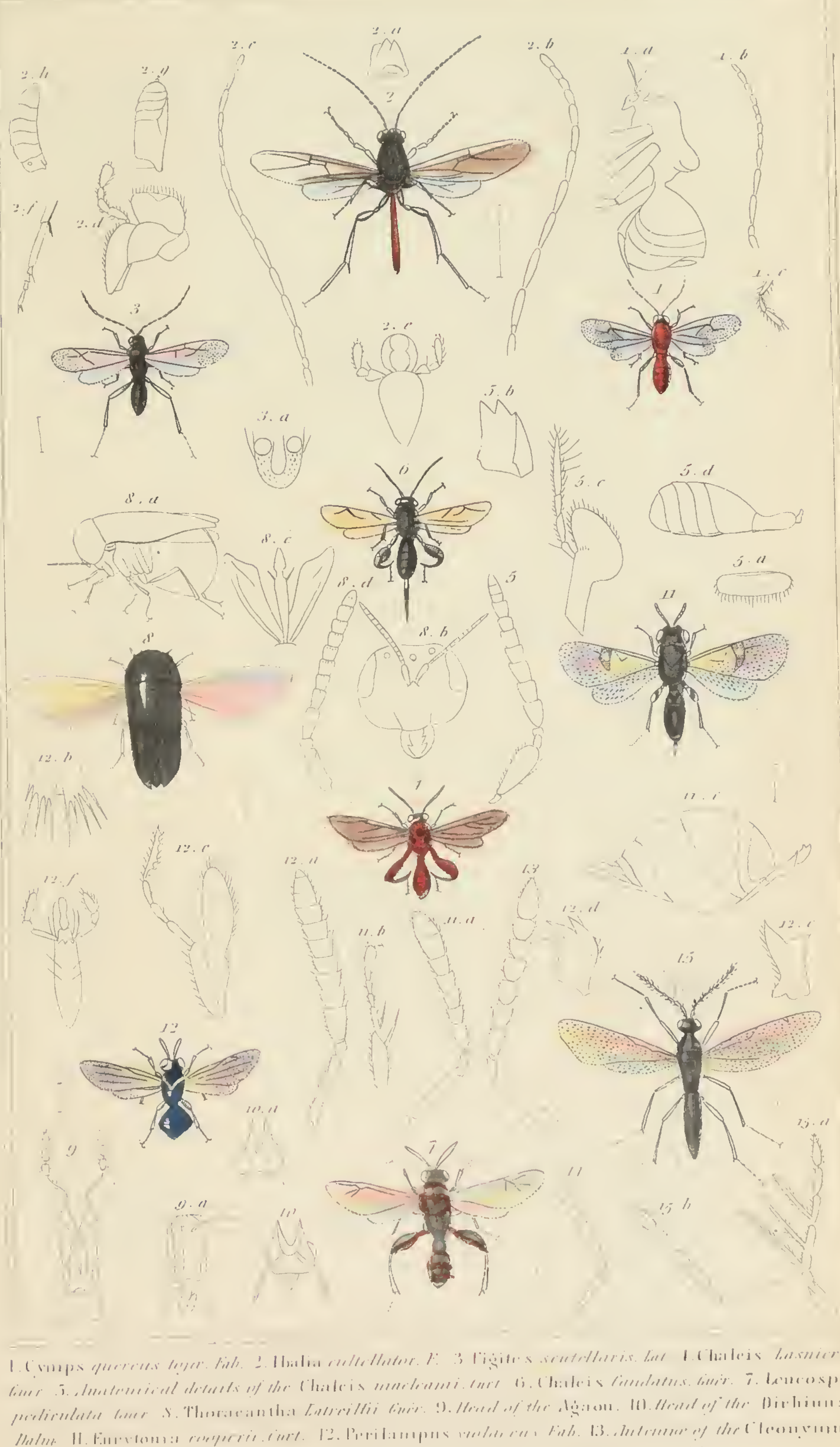

1. Cynips *quercus tojæ. Fab.* 2. Ibalia *cultellator. F.* 3. Figites *scutellaris. Lat.* 4. Chalcis *Lasnieri. Guér.* 5. *Anatomical details of the* Chalcis *macleanii. Curt.* 6. Chalcis *Caudatus. Guér.* 7. Leucospis *pediculata. Guér.* 8. Thoracantha *Latreillii Guér.* 9. *Head of the* Agaon. 10. *Head of the* Dirhinus *Dalm.* 11. Eurytoma *coqueri. Curt.* 12. Perilampus *violaceus. Fab.* 13. *Antennæ of the* Cleonymus 14. *Antennæ of the* Encyrtus 15. Eulophus *pectinicornis. Fab.*

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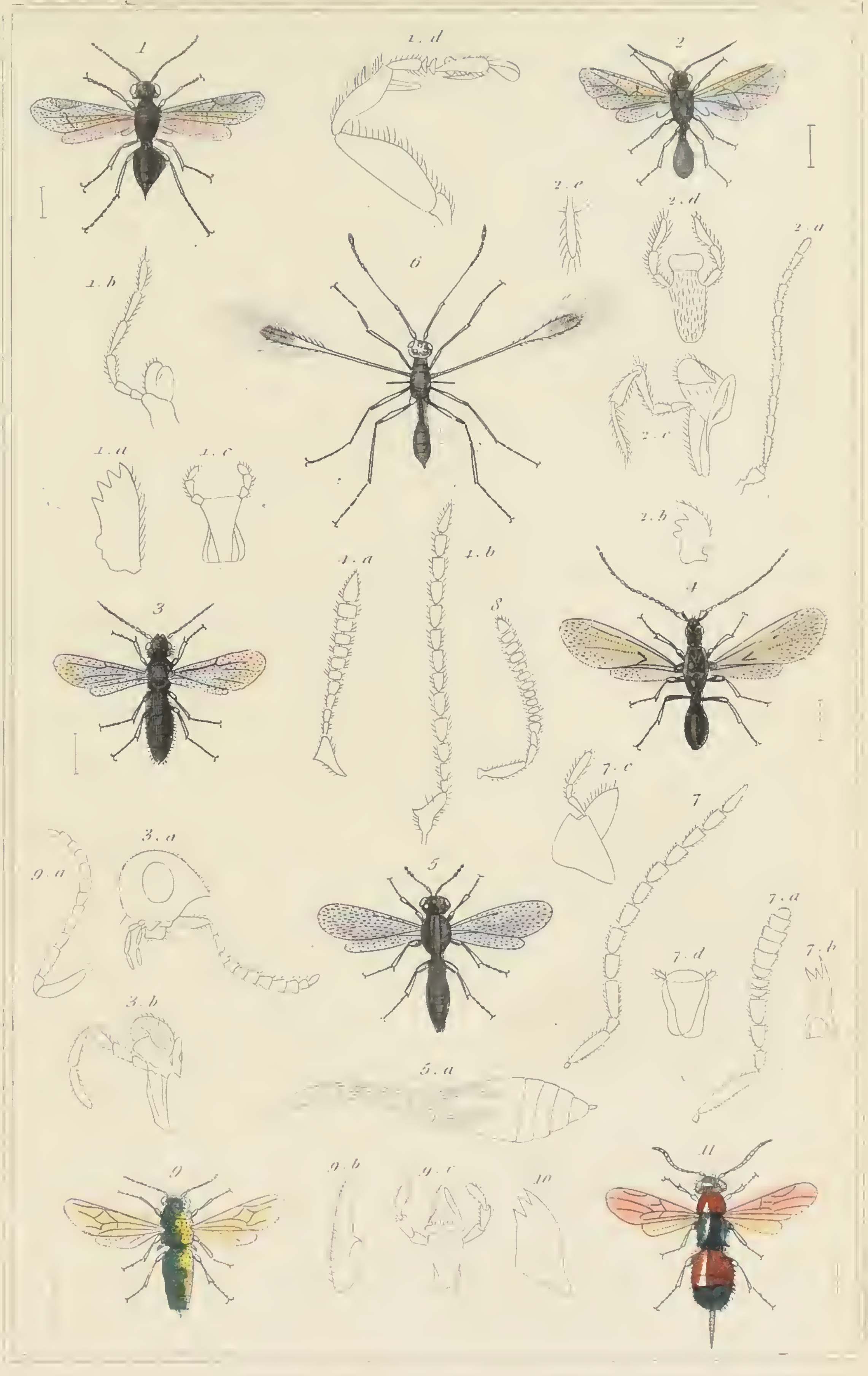

1. **Dryinus** *cursor. Hal.* 2. **Helorus** *anomalipes. Panz.* 3. **Sparasion** *frontale. Lat.* 4. **Galesus** *fuscipennis. Curt.* 5. **Platygaster** *Boscii. Jur.* 6. **Mymar** *pulchellus. Walk* 7. *Anatomical details of the* **Teleas** *elatior. Hal.* 8. *Antennæ of the* **Cinetus**. 9. **Chrysis** *mexicana. Guér.* 10. *Anatomical details of the* **Hedychrum**. 11. **Cleptes** *thoracica. Lap.*

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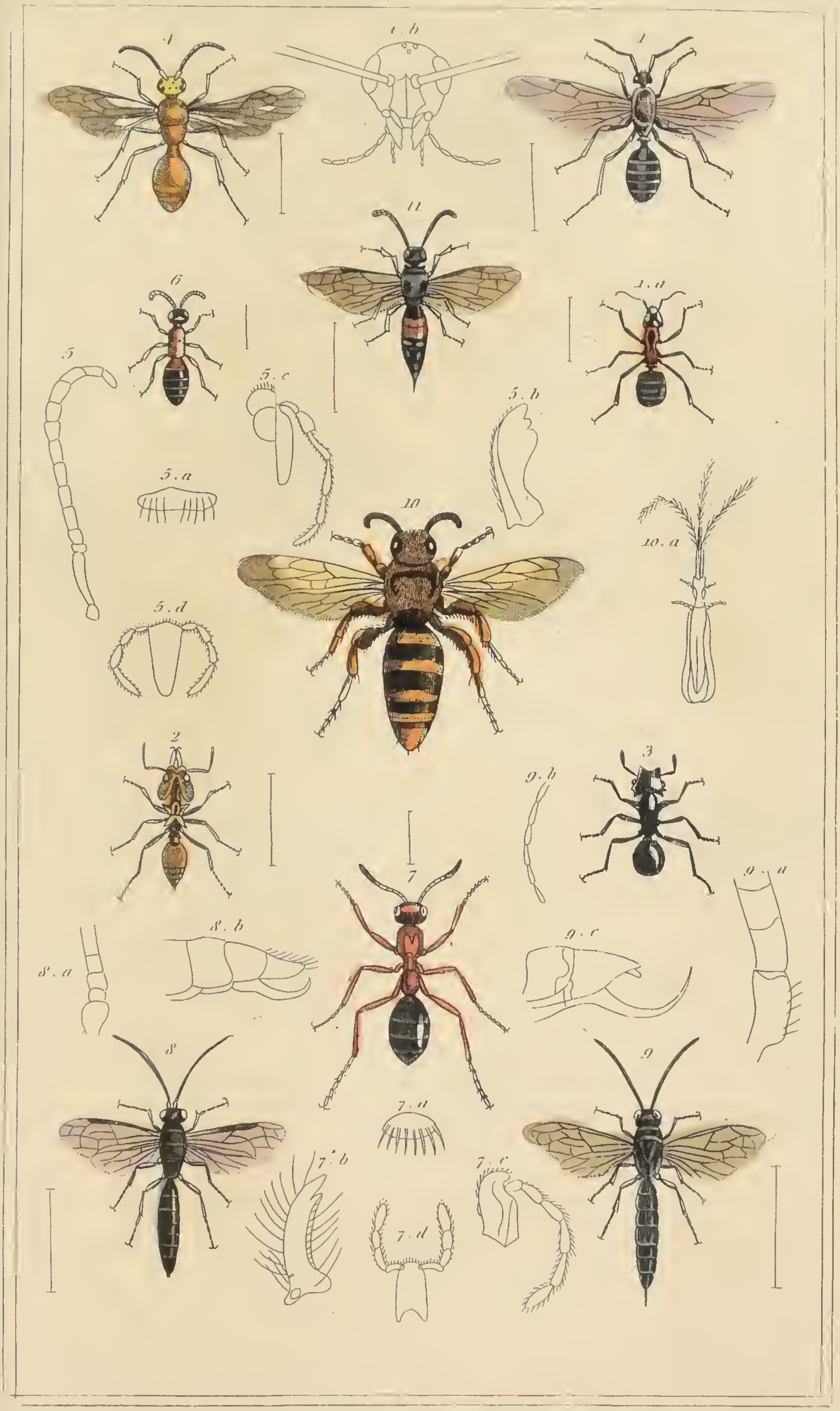

1. Formica *rufa. L.* 2. Atta? *armigera. Lat.* 3. Cryptocerus *atratus. Latreil.* 4. Mutilla *senex. Guér.* 5. *Anatomical details of the* Mutilla *ephippium. Fab.* 6. Myrmosa *melanocephala. Lat.* 7. Methoca *ichneumonides. Lat.* 8. Tengyra *Sanvitali. Lat.* 9. Myzine *volvulus. Lat.* 10. Scolia *formosa. Guér.* 11. Sapyga *varia. Lat.*

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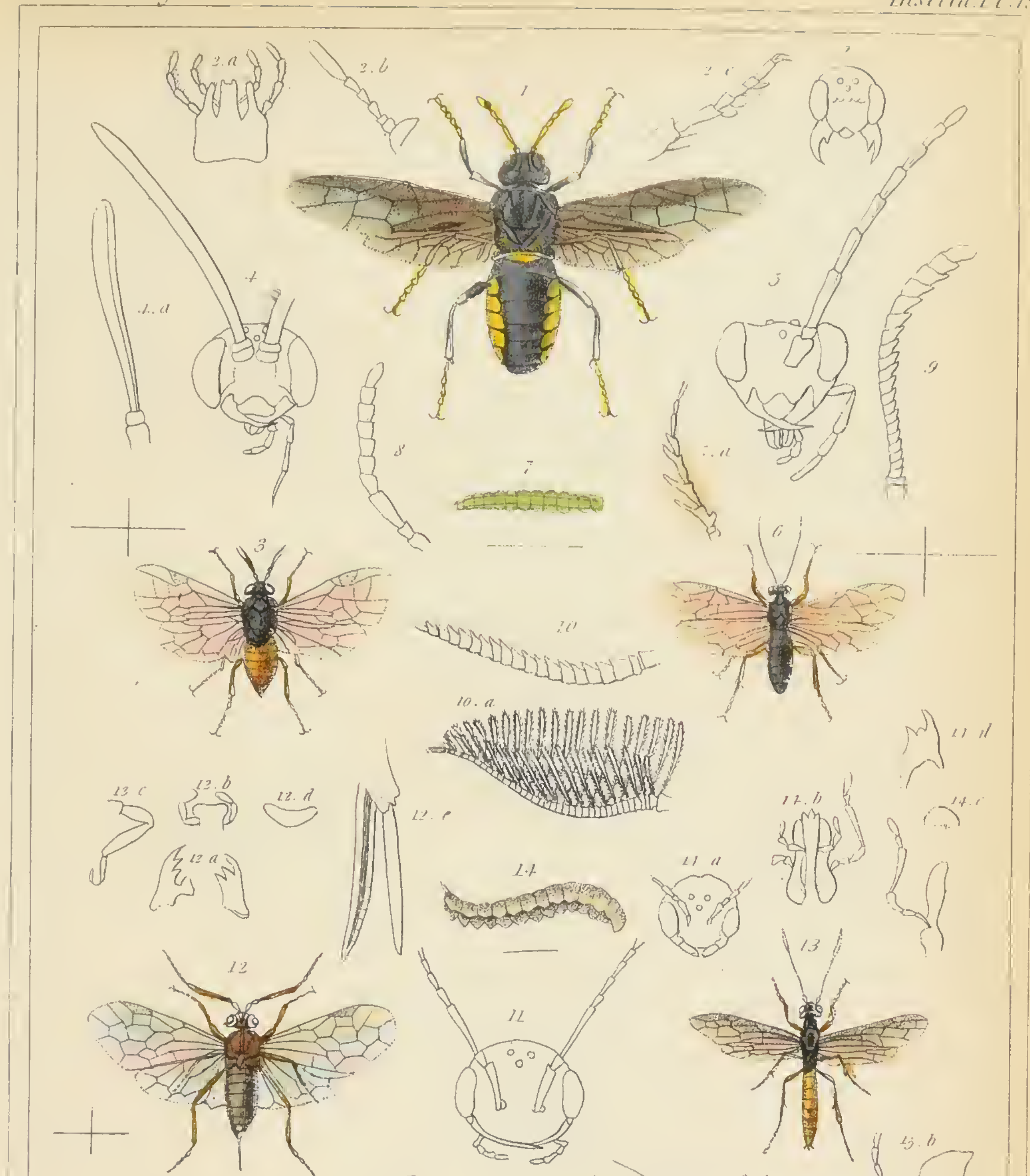

1. Cimbex *lateralis. Guer.* 2. *Anatomy of the* Perga. 3. Schizocera *furcata. Fab.* 4. *Anatomy of the* Hylot. 5 *Anatomy of the* Tenthredo. 6. Cladius *pallipes. Lep.* 7. *Anatomy of the* Cladius *difformis.* 8. *Anatomy of the* Athalia. 9. *Anatomy of the* Pterygophorus. 10. *Anatomy of the* Lophyrus. 11 *Anatomy of the* Pamphilius. 12. Xyela *pusilla. Dal.* 13 Cephus *flaviventris. Lef.* 14. *Larva &c. of the* Cephus *pygm.* 15. *Anatomy of the* Xyph. 16 *Anatomy of the* Oryssus. 17. Sirex *Lefebvre.* 18. *Anatomical details of the* Sirex.

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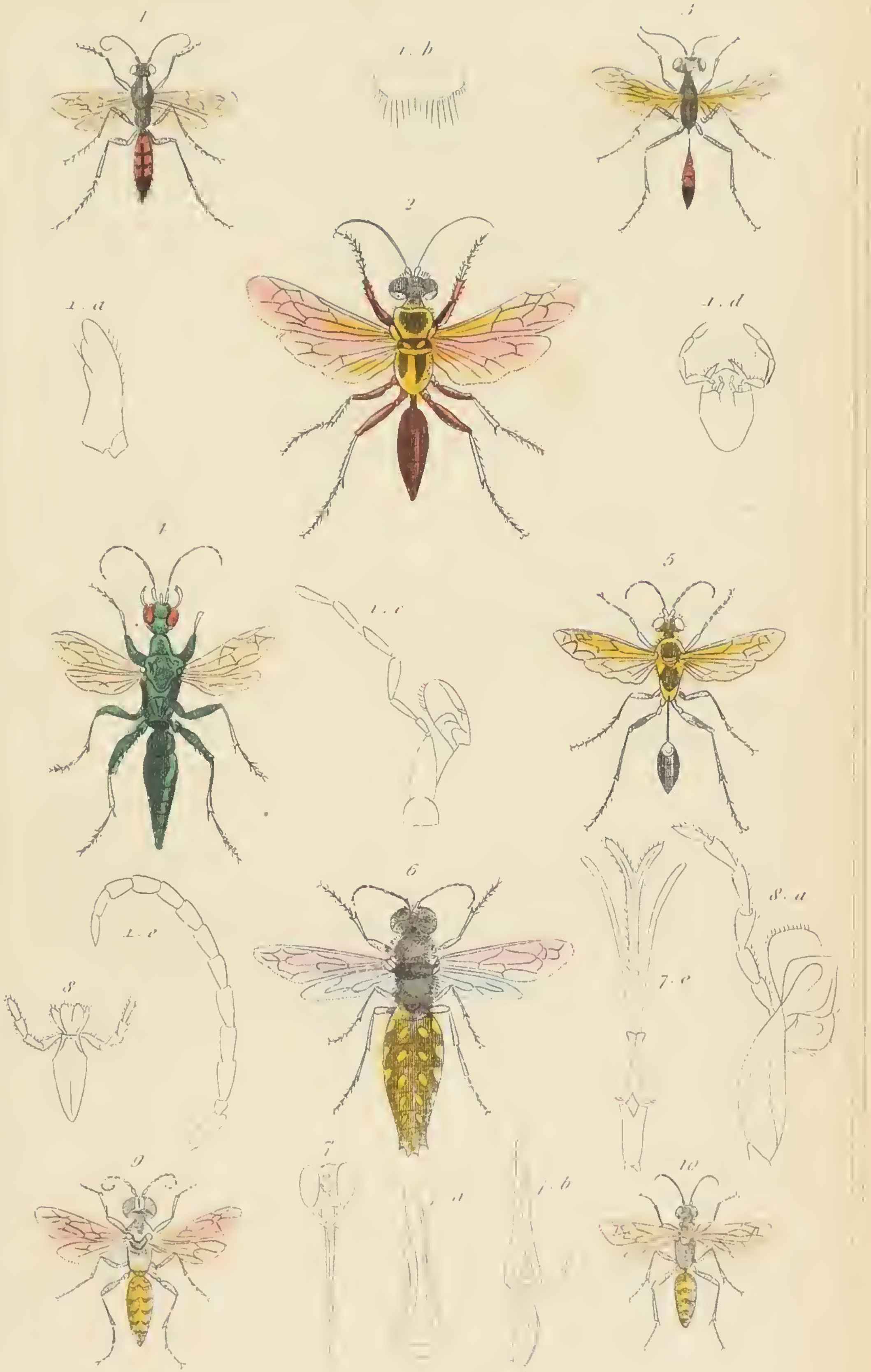

1 Pompilus *viaticus L.* 2. Sphex *aurulenta. Guer.* 3 Ammophilus *Apicalis. Guer.* 4 Ampulex *compressiventris. Guer.* 5 Pelopeus *lunatus F.* 6 Bembex *peruviana. Guer.* 7. *Anatomical details of the* Bembex 8 *Anatomical details of the* Monedula. 9. Lyrops *auriventris. Guer.* 10. Dinetus *pictus. Jurine*

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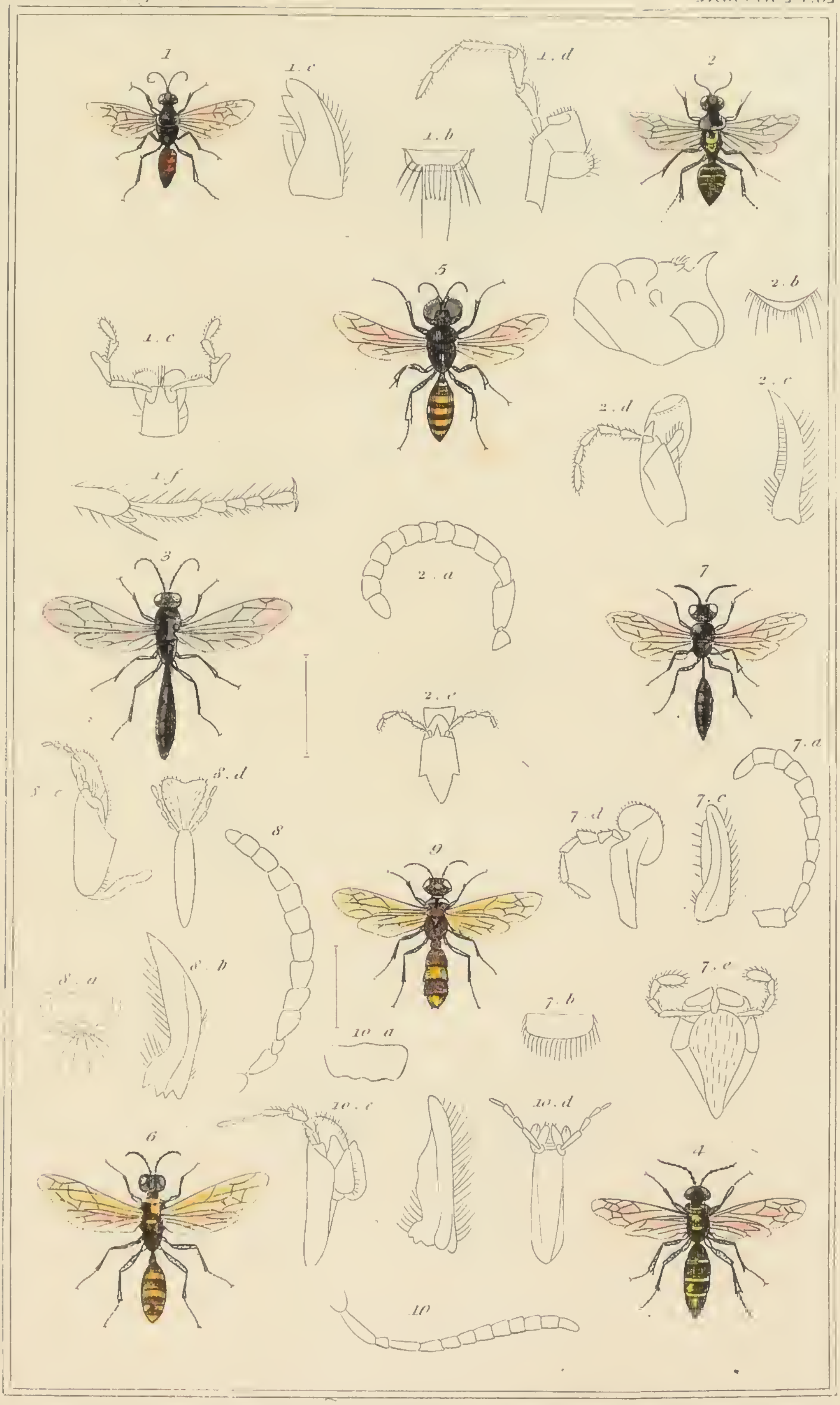

1. Astata *boops. Spin.* 2. Oxybelus *uniglumis. Fab.* 3. Trypoxylon *figulus. Lat.* 4. Gorytes *mystaceus. Lat.* 5. Crabro *cephalotes. L.* 6. Mellinus *arvensis. L.* 7. Psen *ater. Lat.* 8. *Anatomical details of the* Philanthus *androgynus. Rossi* 9. Cerceris *bifasciata. Guer.* 10. *Anatomical details of the* Cerceris *læta. F.*

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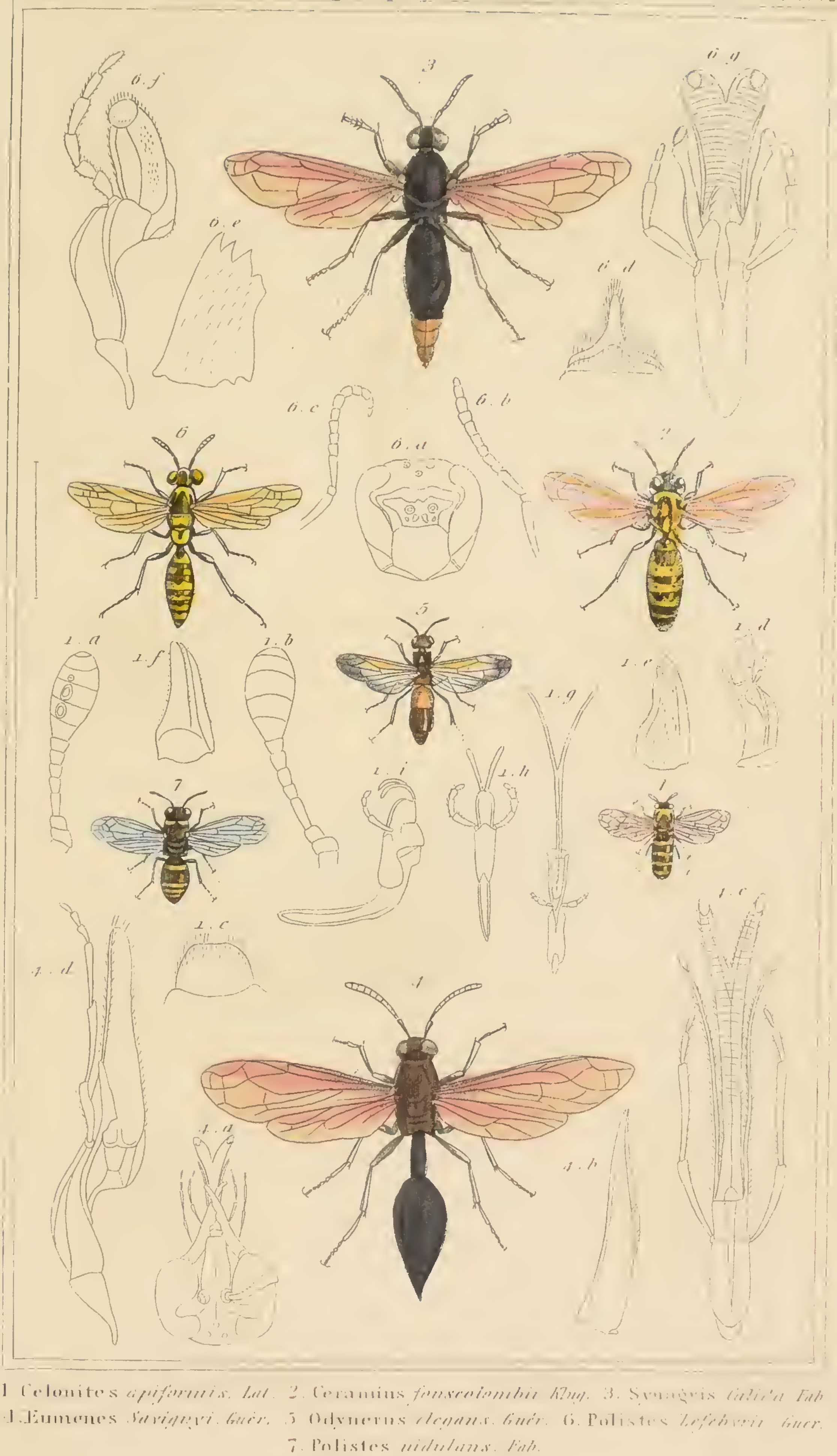

1. Celonites *apiformis. Lat.* 2. Ceramius *fonscolombii Klug.* 3. Synagris *Calida Fab.*
4. Eumenes *Savignyi. Guér.* 5. Odynerus *elegans. Guér.* 6. Polistes *Lefebvrei. Guér.*
7. Polistes *nidulans. Fab.*

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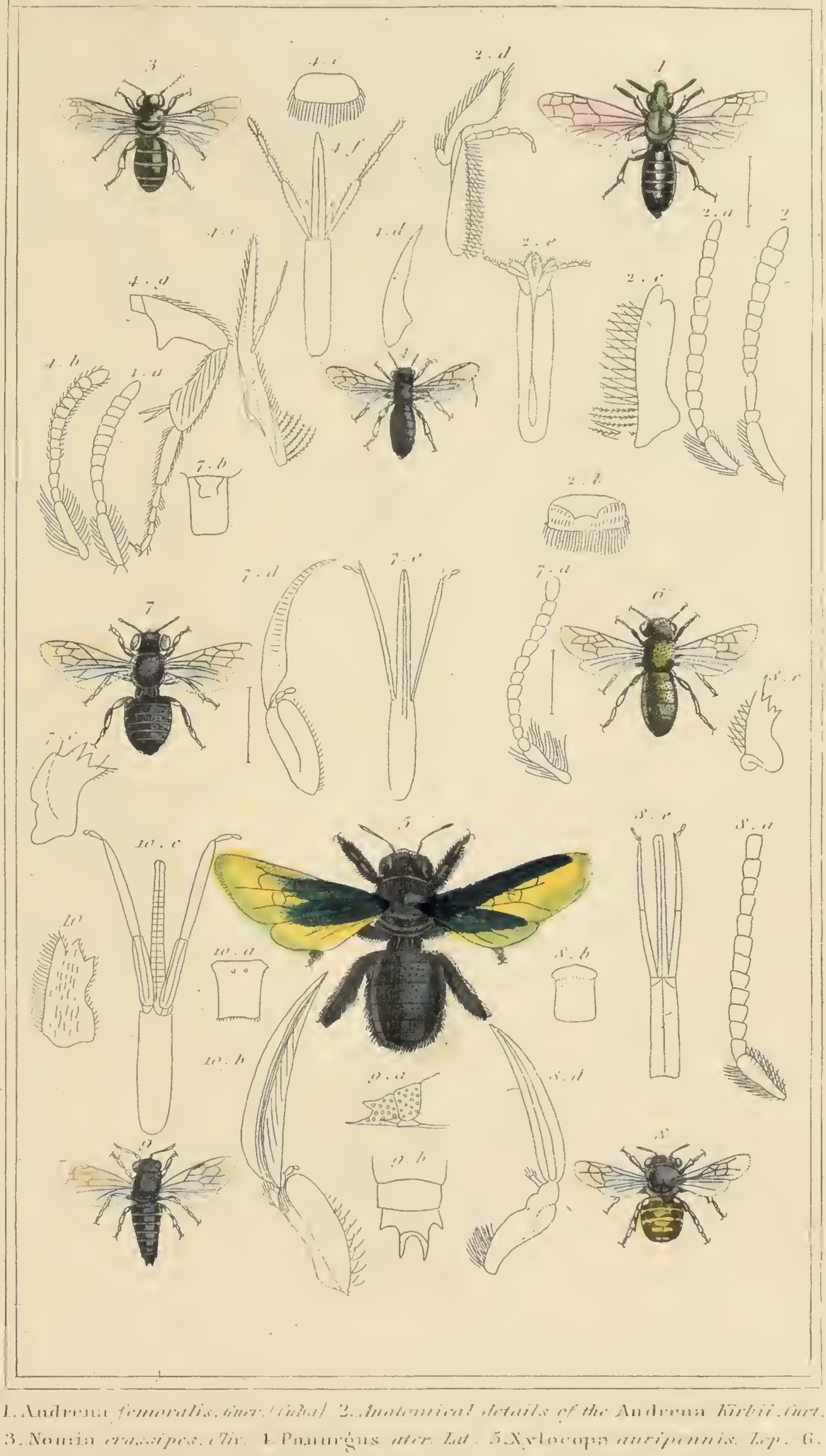

1. Andrena *femoralis. Guer. (Cuba)* 2. *Anatomical details of the* Andrena *Kirbii. Curt.*
3. Nomia *crassipes. Oliv.* 4. Panurgus *ater. Lat.* 5. Xylocopa *auripennis. Lep.* 6.
Ceratina *viridis. Guer.* 7. Megachile *centuncularis. L.* 8. Anthidium *diadema. Latr.*
9. Cœlioxys *rufipes. Guer. (Cuba)* 10. *Anatomical details of the* Cœlioxys *victus. Curt.*

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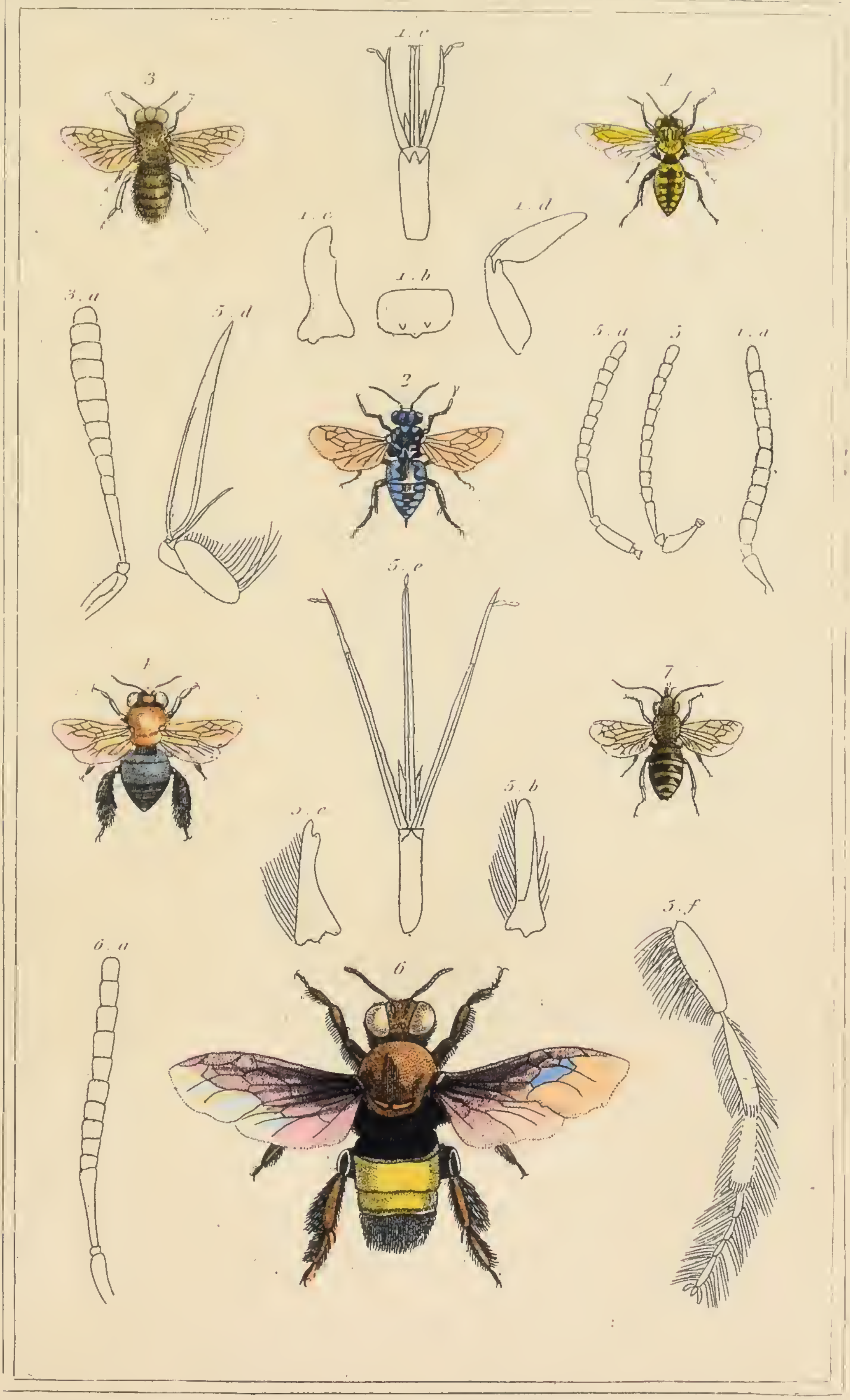

1. Epeolus *variegatus*. L. 2. Crocisa *pulchella*. Guér. 3. Melliturga *clavicornis*. Lat. 4. Anthophora *apicalis*. Guér. (Cuba) 5. *Anatomical details of the* Anthophora *Haworthana*. Kirby. 6. Centris *clypeata*. Lepel. 7. Macrocera *Lasnierii*. Guér. (Cuba)

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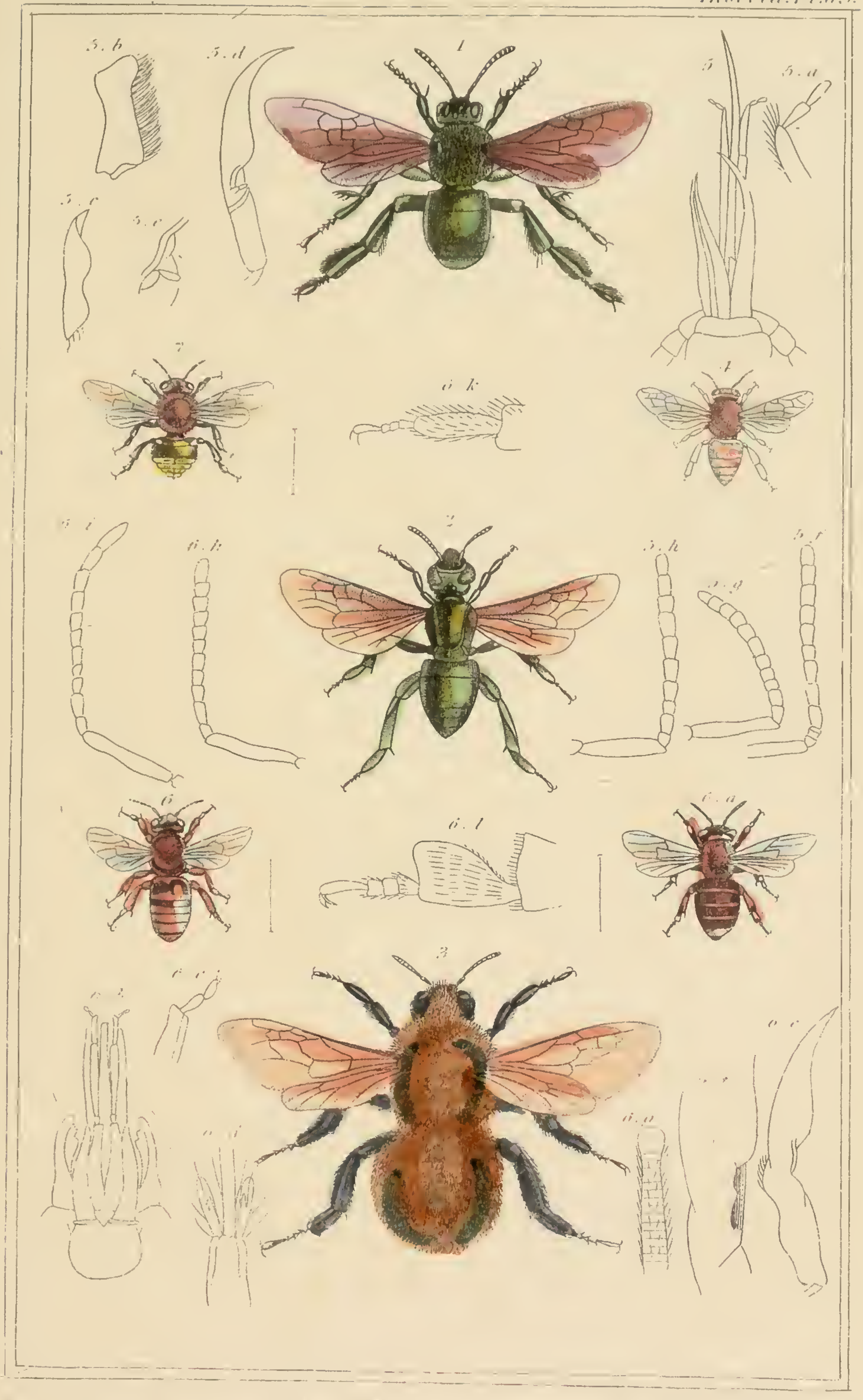

1. Acanthopus *splendidus Klug.* 2. Euglossa *dentata. Lat.* 3. Bombus *Dahlbomii. Guer.* 4. Apis *Adansonii. Lat.* 5. *Anatomical details of* 5.a Apis *mellifica. L.* 6. Melipona *fulvipes. Guer.* (*male*) 7. Trigona *fasciata.* [illegible]

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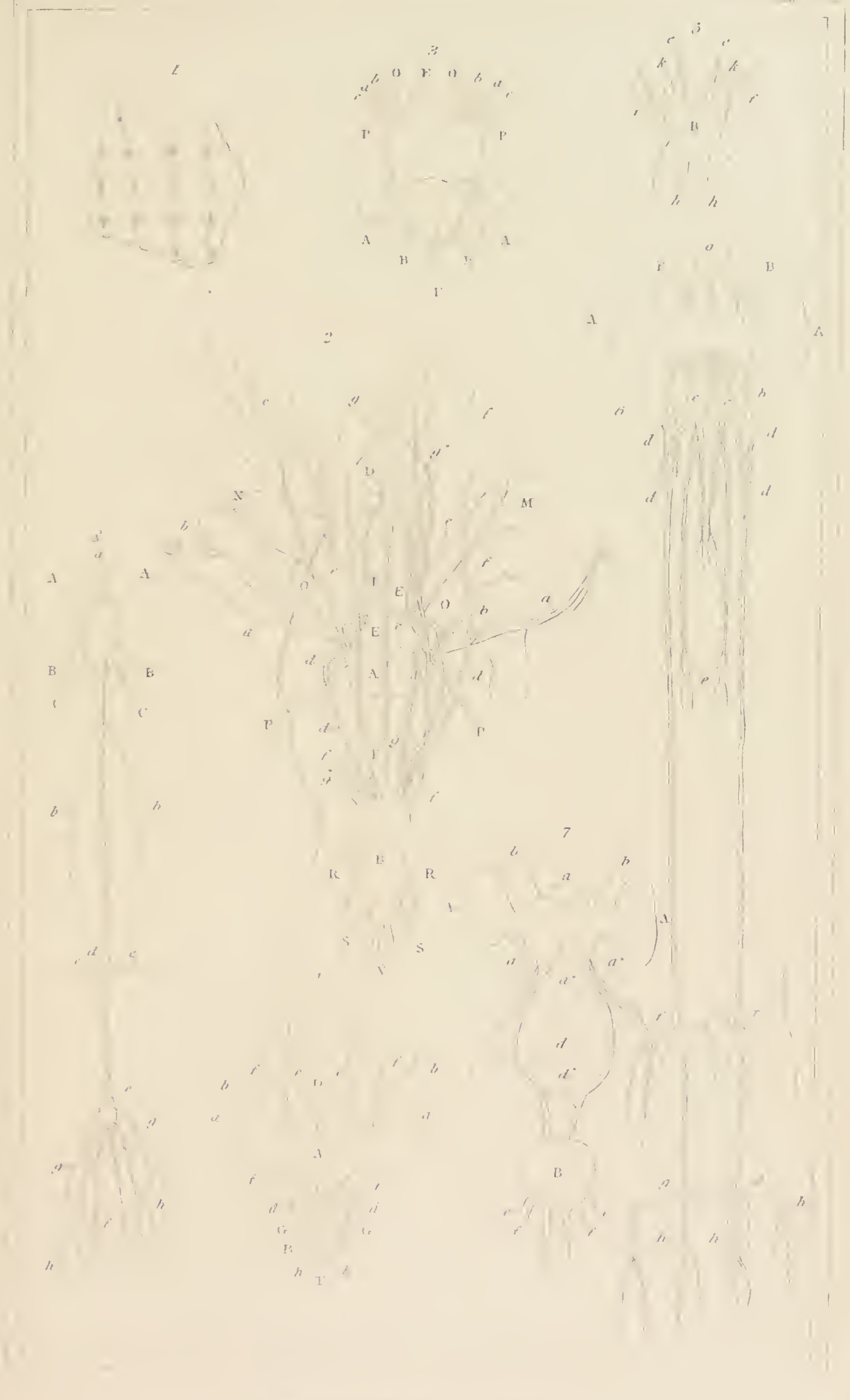
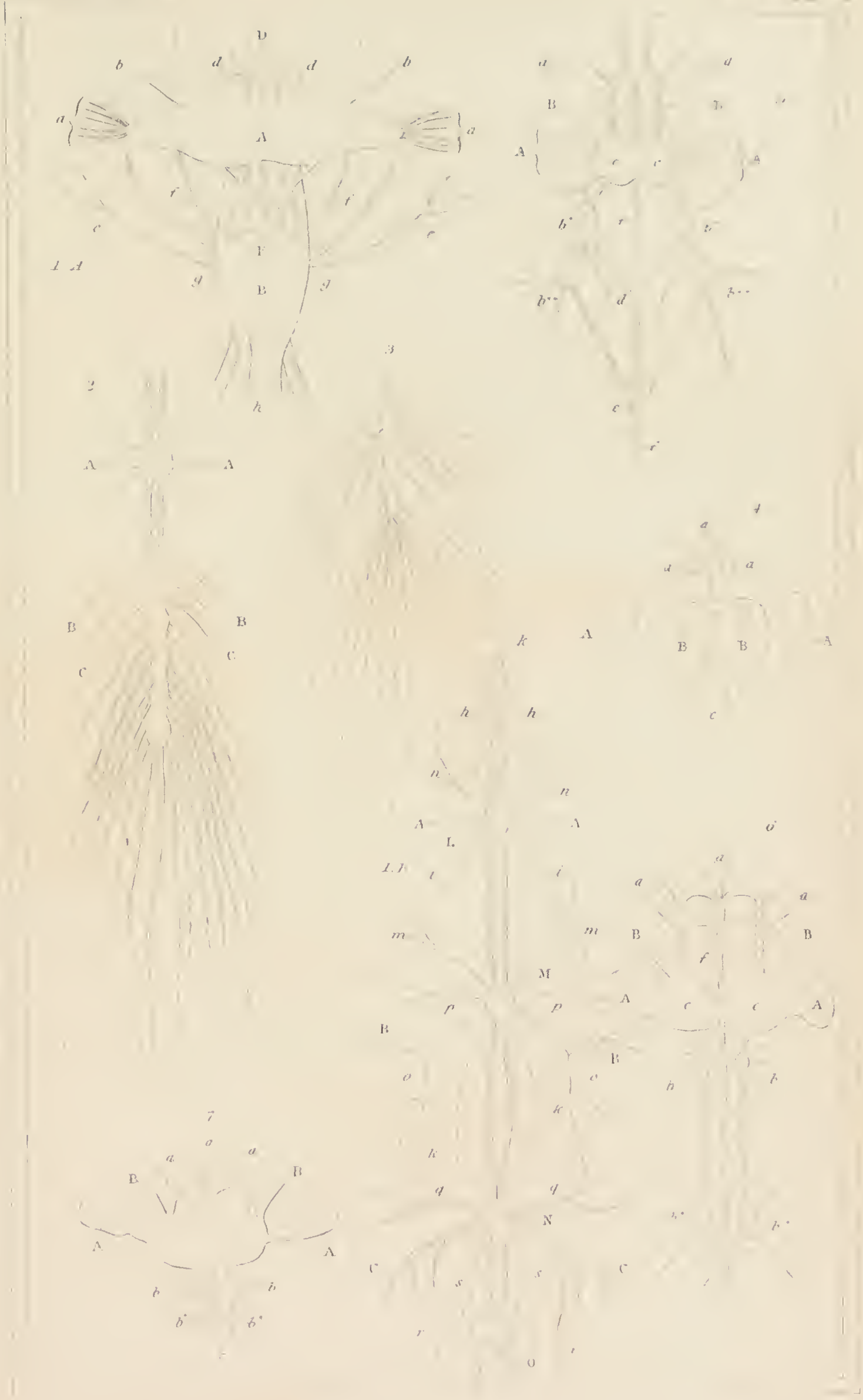


Organs of Sensation in Insects.



Organs of Sensation in Insects

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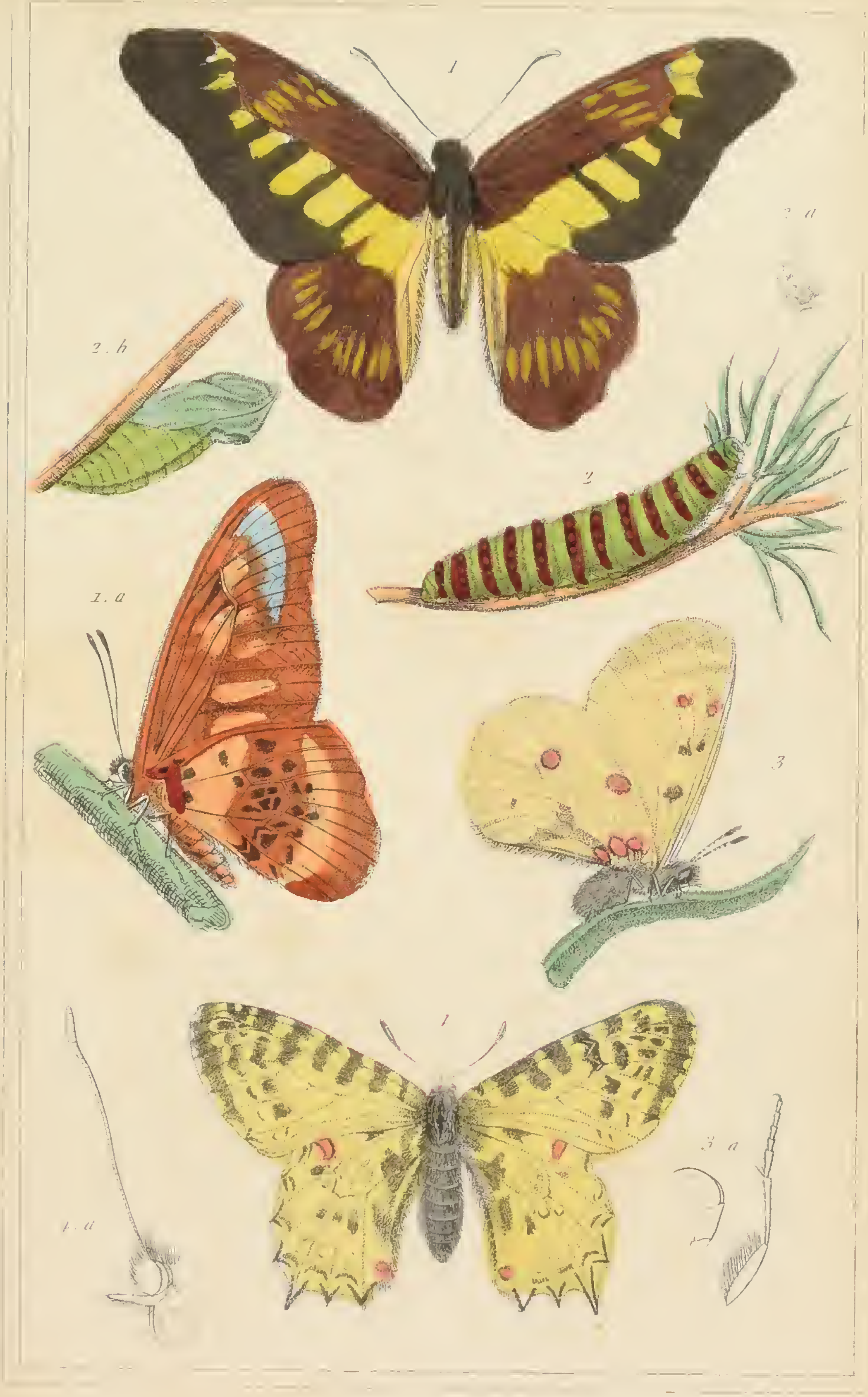

1 **Papilio** *Latreillei, Godard.* 2. *Caterpillar & Chrysalis of the* **Papilio** *machaon. L.*

3 **Parnassius** *phœbus Fabr Godard.* 4 **Thais** *Cerisyi, Godard*

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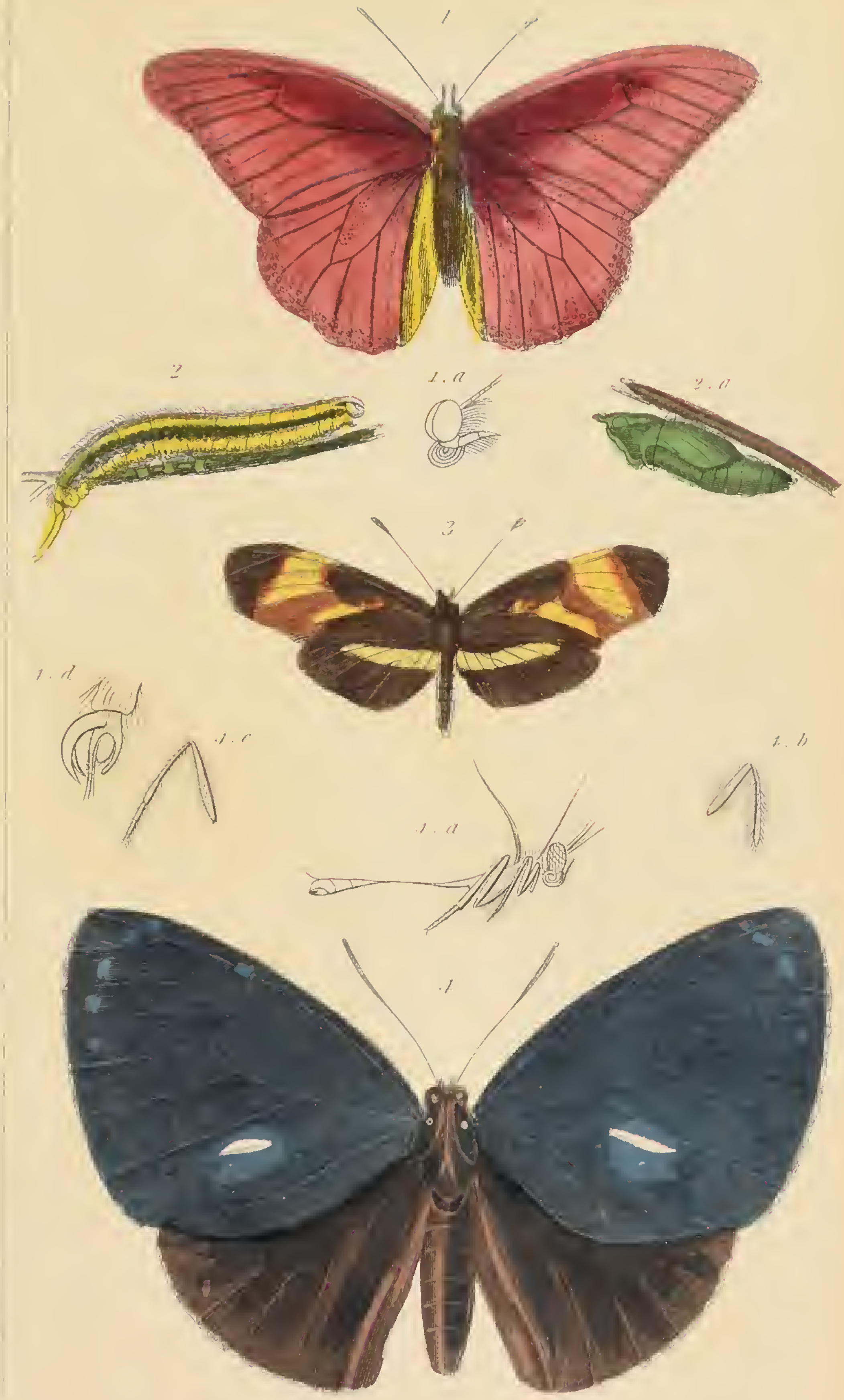

1. **Pieris** *thuria. Godard.* 2. *Caterpillar & Chrysalis of the* **Pieris** *brassicæ L.*

3. **Heliconia** *Langsdorfii Godard.* 4. **Danaida** *eunice. Godard.*

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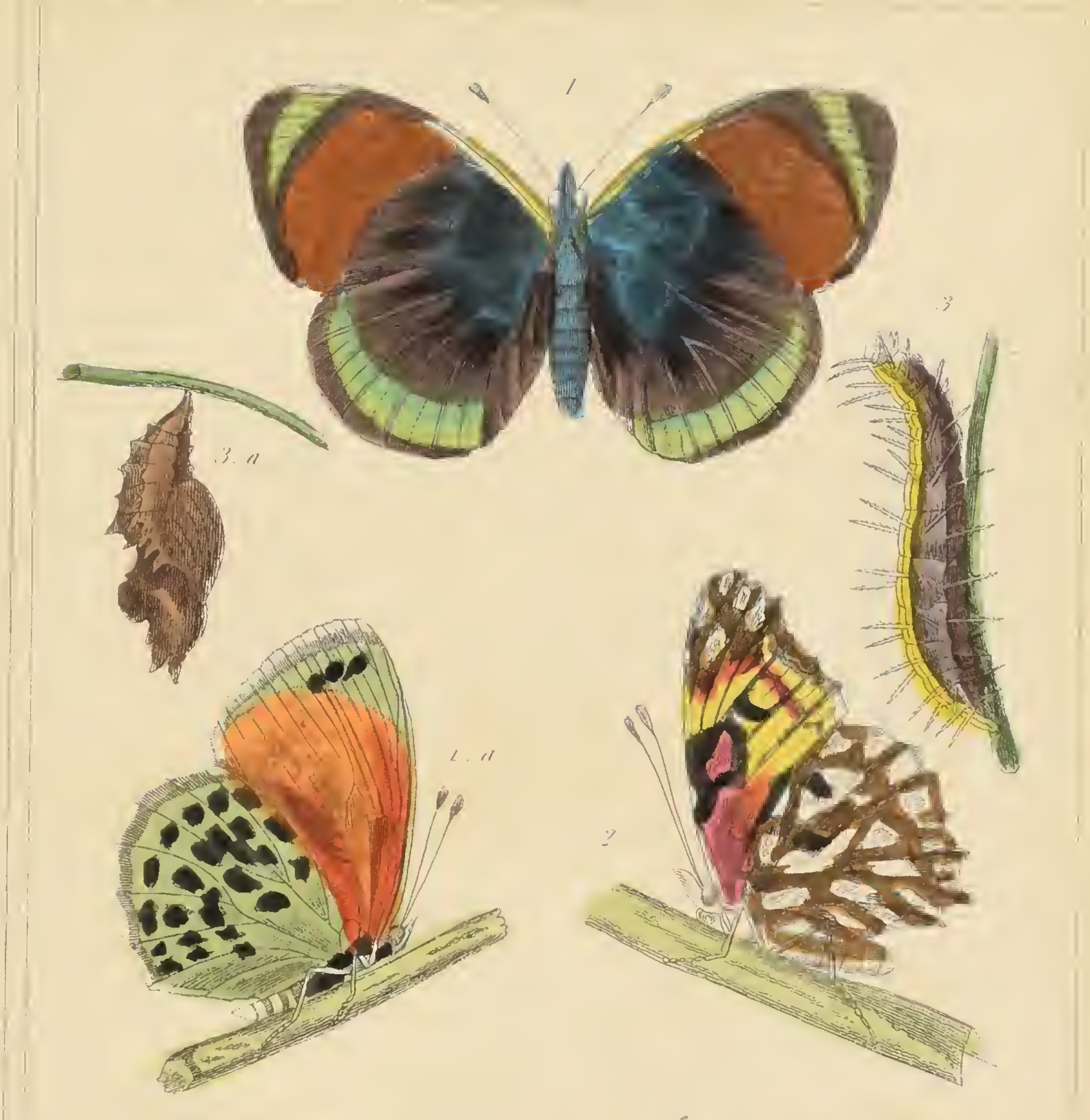

1. Vanessa *callithea*, *Godard*. 2. Argynnis *moneta*, *Geyer*. 3. *Caterpillar & Chrysalis of the* Argynnis *paphia*, *Godard*. 4. Nymphalis *ethea*, *Godard*. 5. *Caterpillar & Chrysalis of the* Nymphalis *ilia*, *Godard*.

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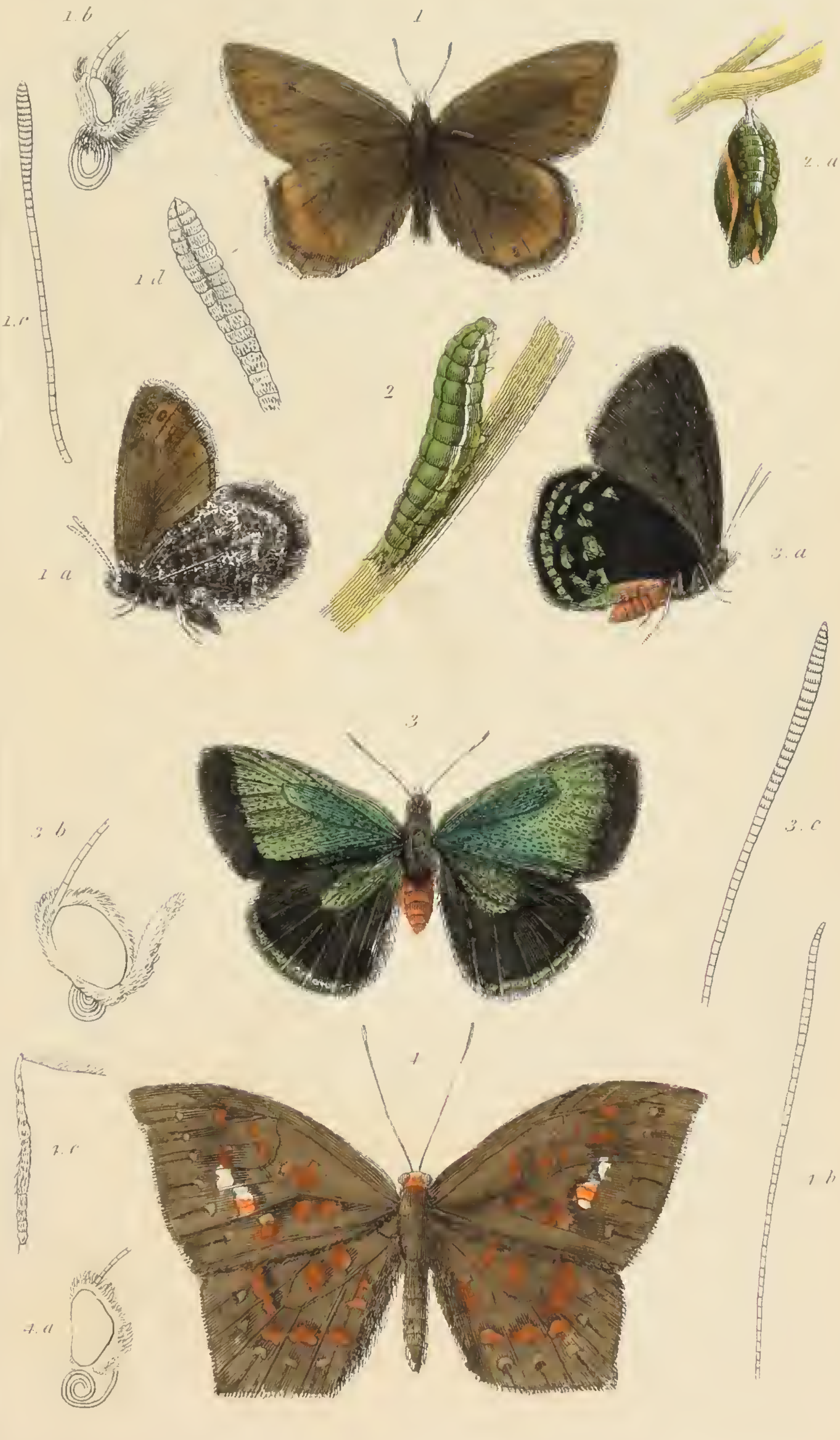

1. Satyrus *Balder Boisd.* 2. *Caterpillar & Chrysalis of* Satyrus *purtina Godard*
3. Eumenia *toxea, Godard* 4. Erybia *carolina Godard.*

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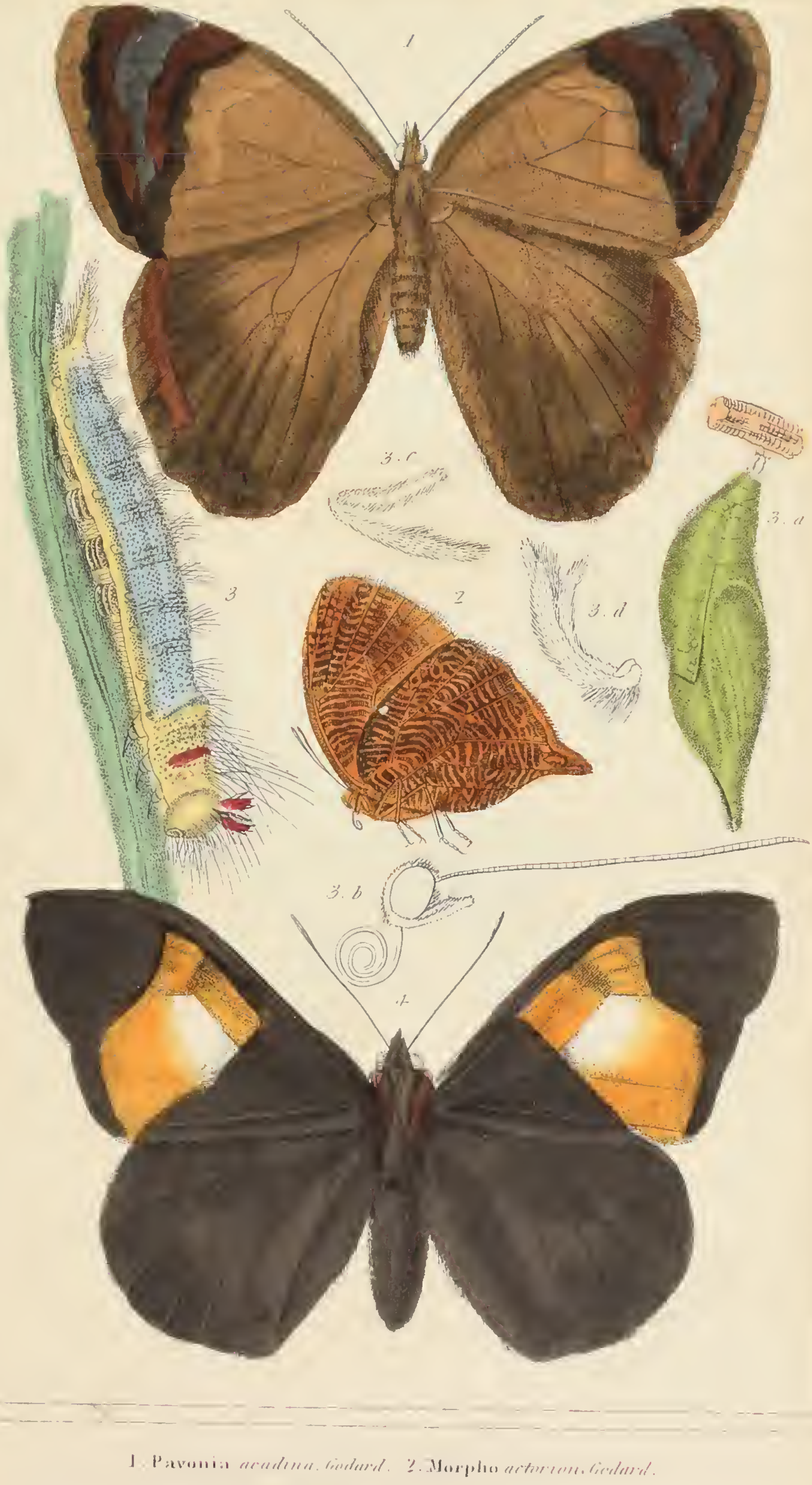

1. **Pavonia** *acadina, Godard.* 2. **Morpho** *actorion, Godard.*

3. *Anatomical details of the* **Morpho** *philippus Godard.* 4. **Brassolis** *astyra, Godard.*

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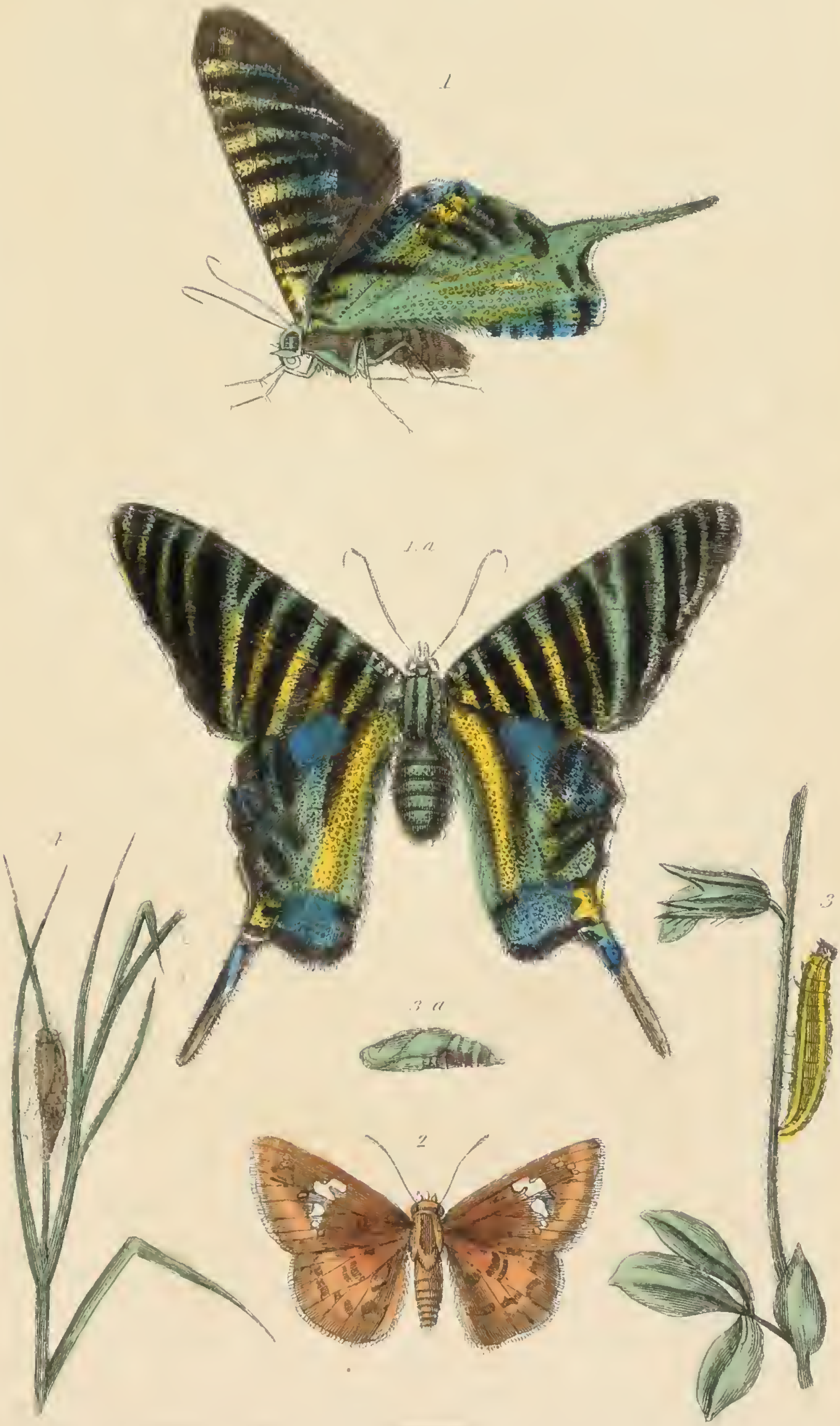

1 Urania *Boisduvalii G.* 2 Hesperia *sabadius, Edw.* 3 *Caterpillar & Chrysalis of* Hesp. *tages, Fab.*
4 *Caterpillar of* Hesp. *Linea Fab*

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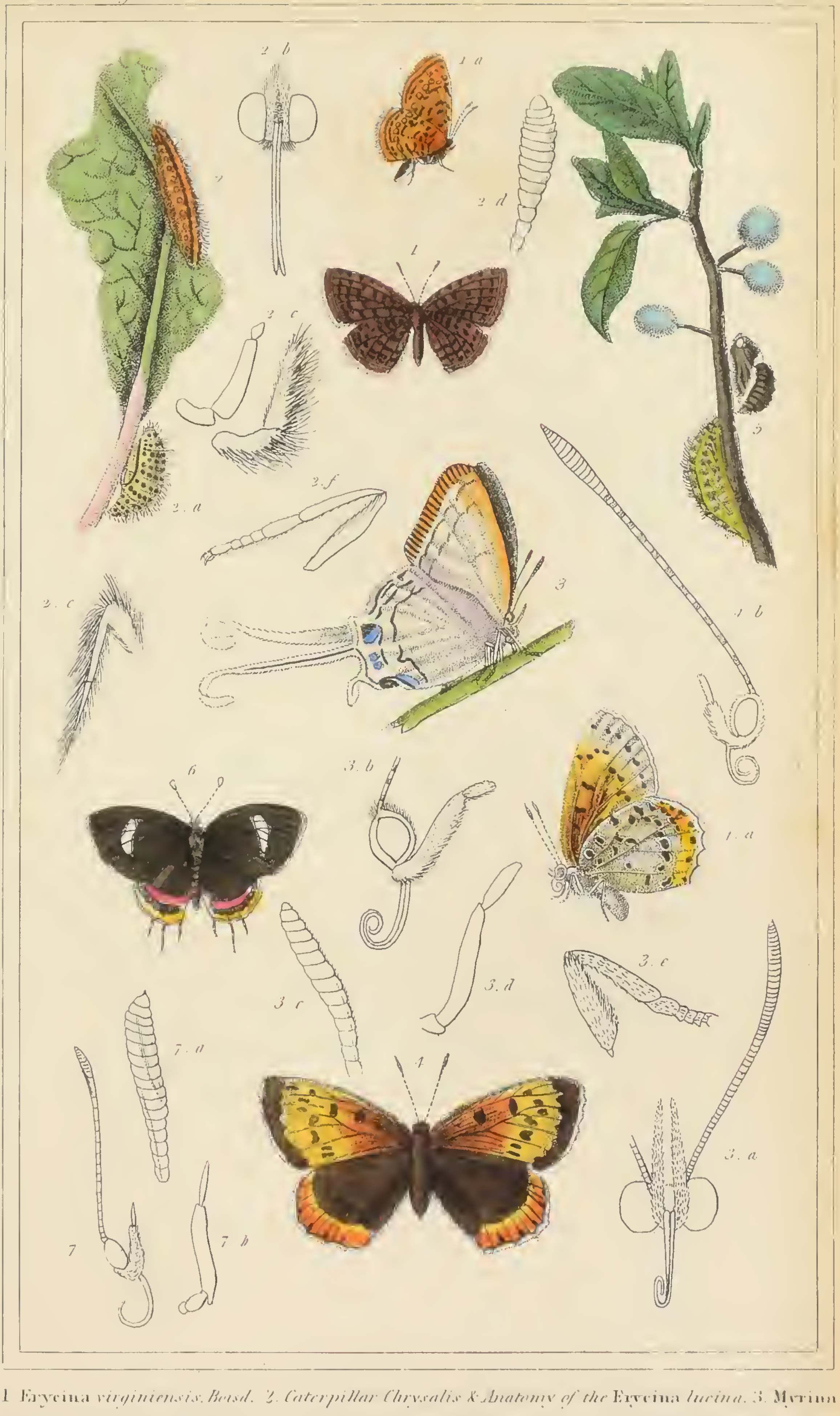

1 **Erycina** *virginiensis. Boisd.* 2. *Caterpillar Chrysalis & Anatomy of the* **Erycina** *lucina.* 3. **Myrina** *Jaffra. Godard* 4 **Polyommatus** *Thoë Boisd.* 5 *Caterpillar & Chrysalis of the* **Polyommatus** *pruni Godard.* 6. **Zephyrius** *amor. Dalm.* 7. *Anatomy of the* **Polyommatus** *roxus. Godard. (g. Lycæna. horsf.)*

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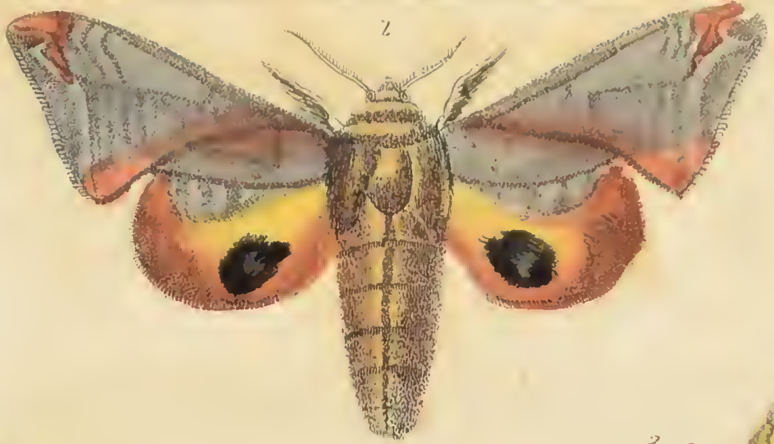
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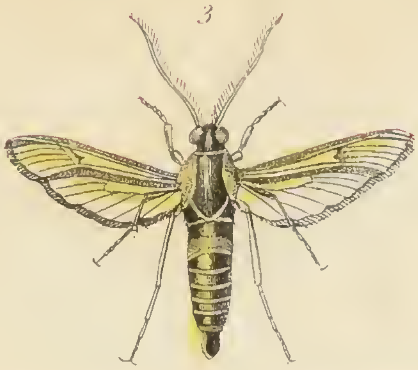
3. b

3. a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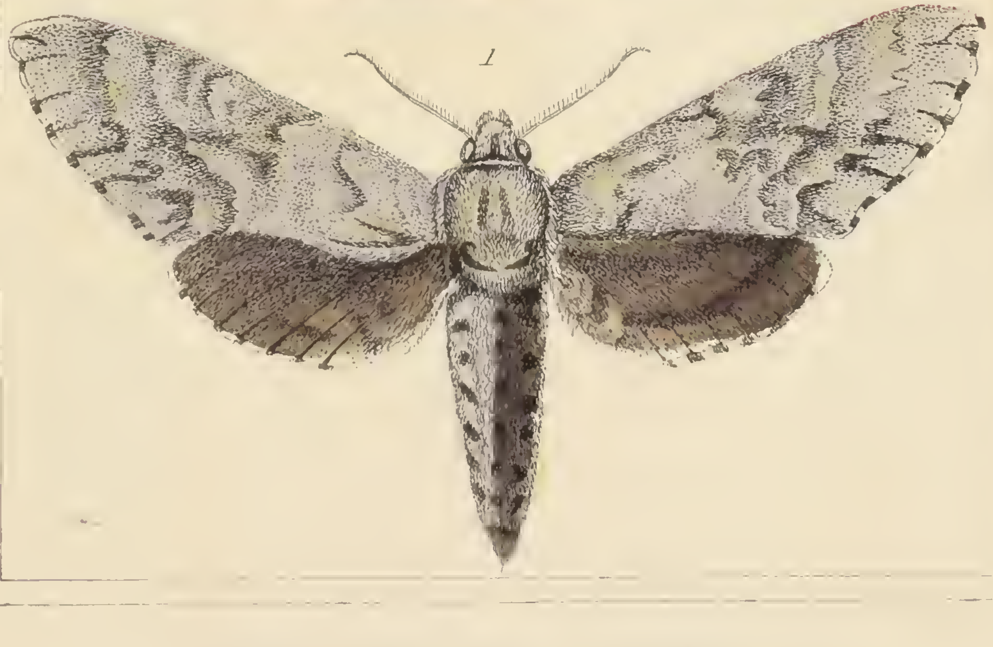
2. a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1. Sphinx *jasminearum. Bdv.* 2. Smerinthus *io. Bdv.*

3. Sesia *asilipennis Bdv.*

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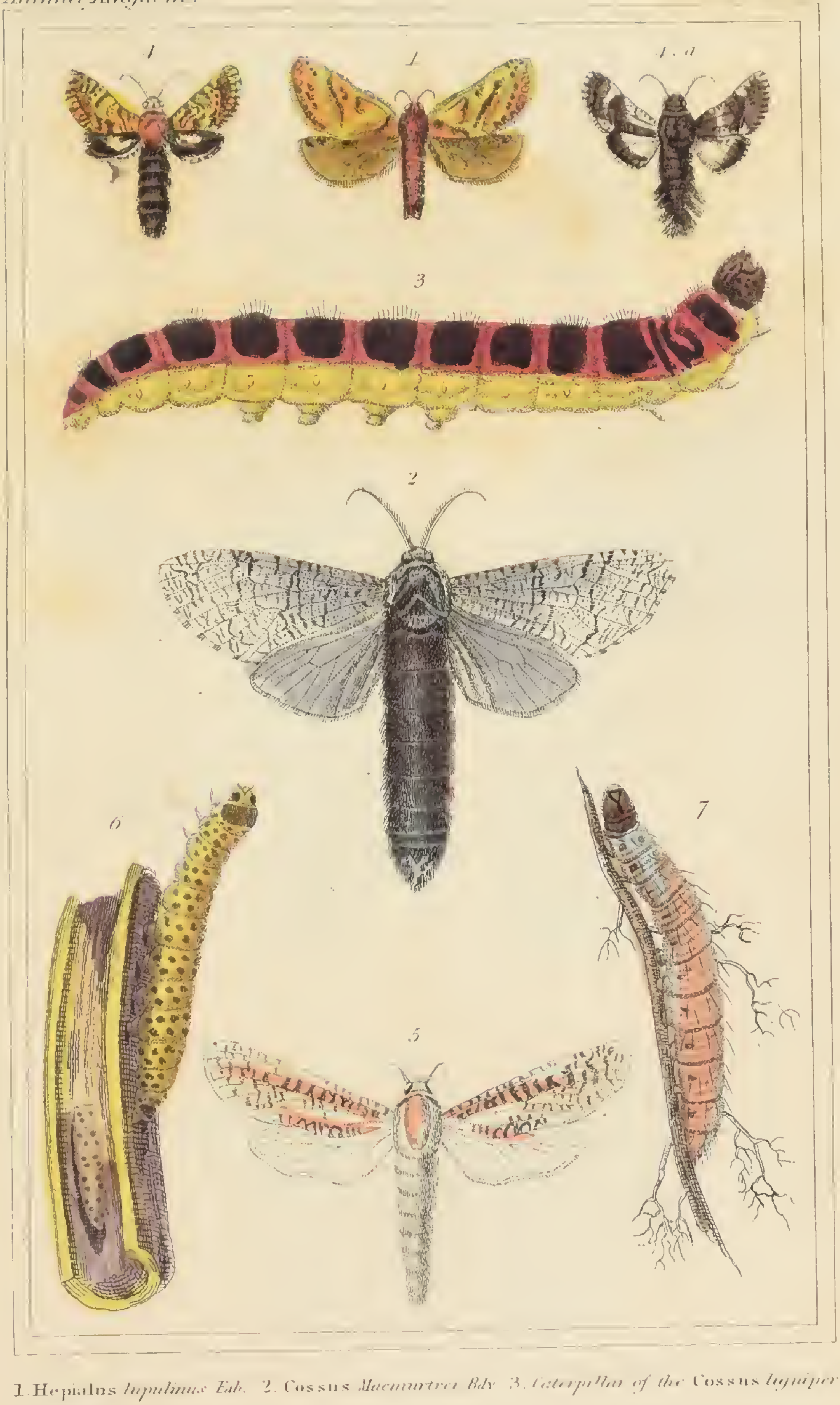

1. Hepialus *lupulinus Fab.* 2. Cossus *Macmurtrei Bdv.* 3. *Caterpillar of the* Cossus *ligniperda Fab.* 4. Stygia *australis Latr.* 5. Zeuzera *scalaris. Donov.* 6. *Caterpillar of the* Zeuzera *æsculi Fab.* 7. *Caterpillar of the* Hepialus *humuli Fab.*

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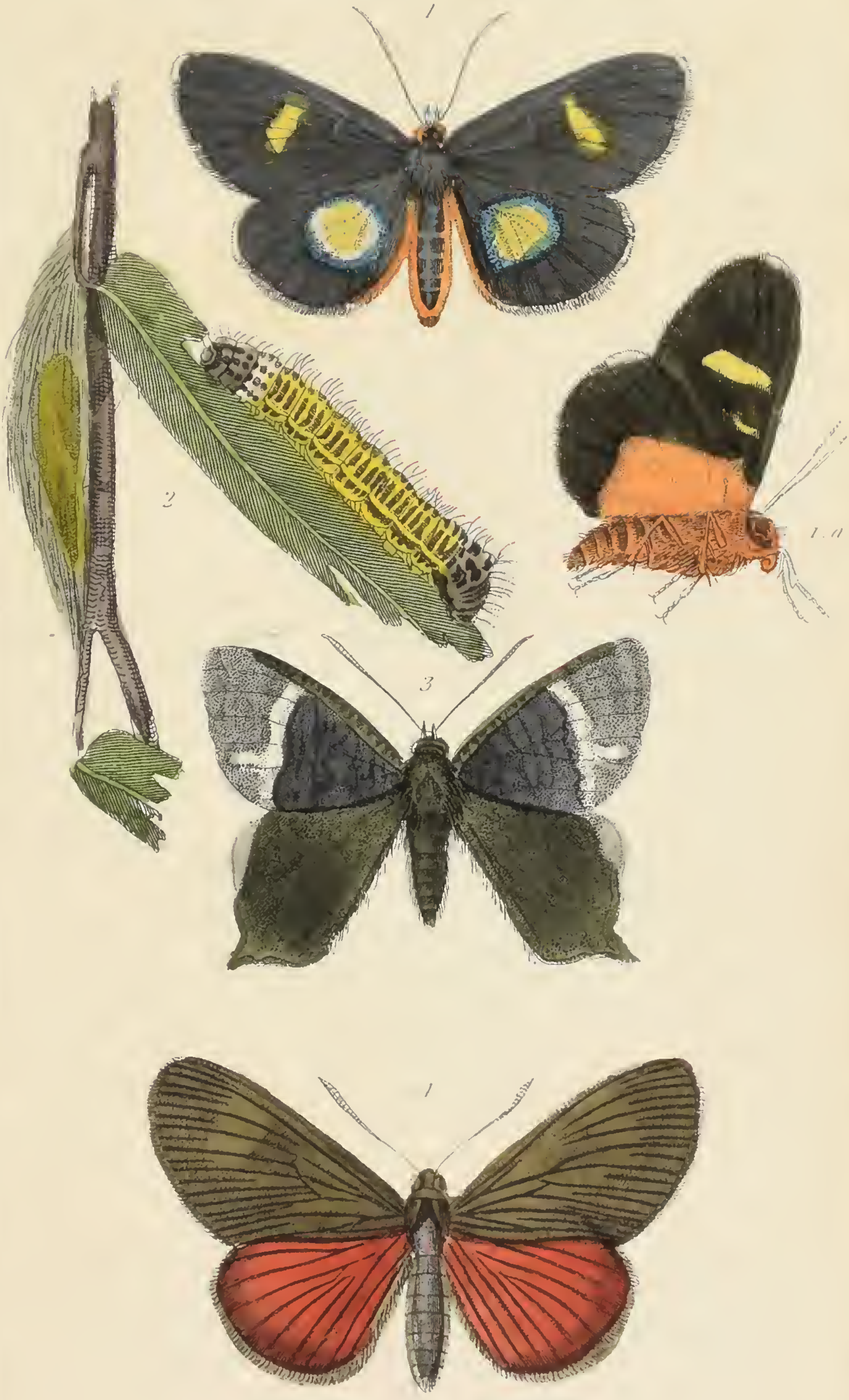

1. Agarista *Pales. Bdv.* 2. *Caterpillar & Chrysalis of the* Agarista *glycina. Lewin*

3. Coronis *Leachii. Godard* 4. Castnia *Acraeoides. Bdv.*

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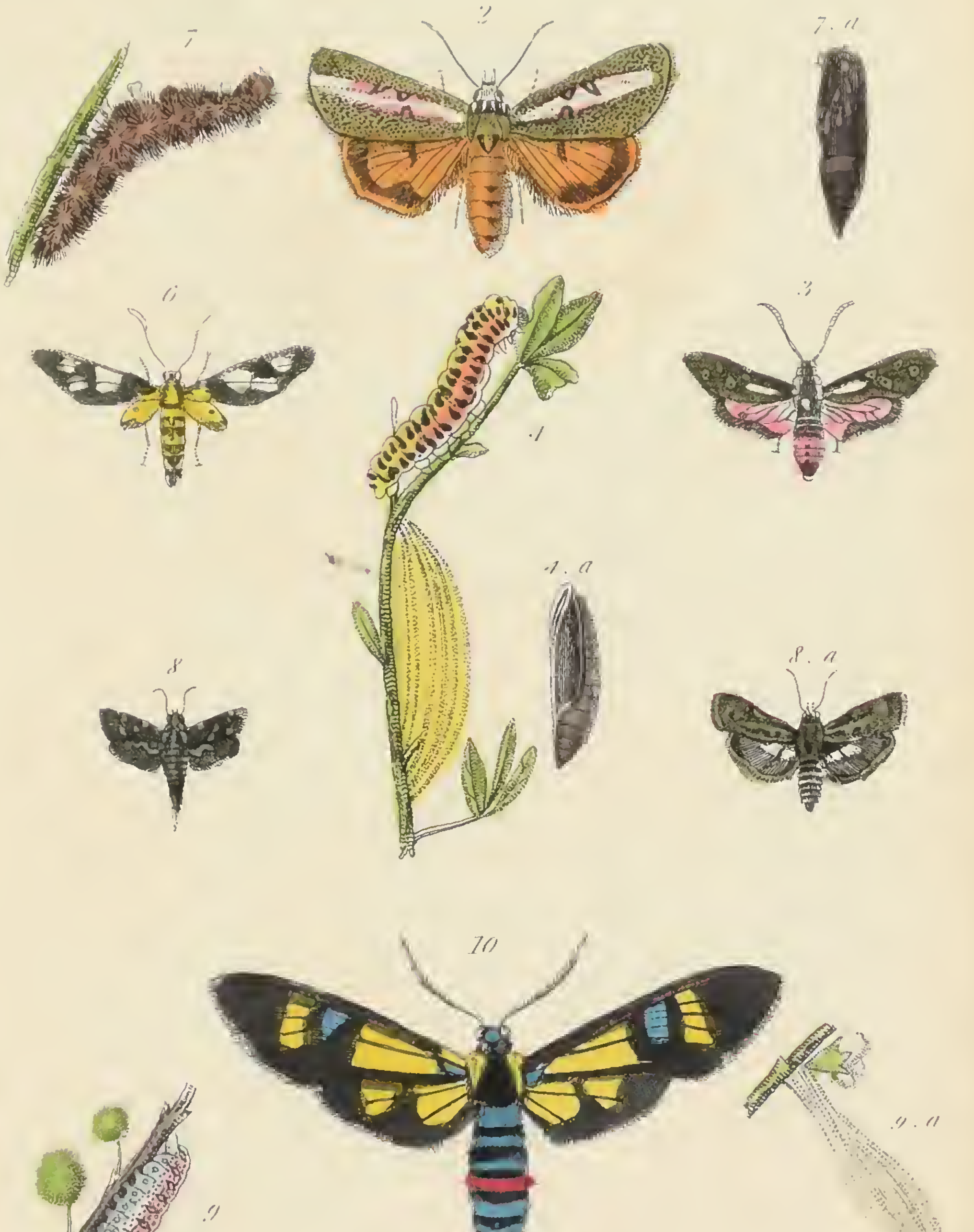

1 **Thyris** *sepulchralis. Bdv.* 2. **Ægocera** *rectilinea Bdv.* 3 **Zigæna** *pulchella. Bdv.* 4 **Zigæna** *filipendulæ. Lin.* 5. **Procris** *nebulosa, Klug.* 6. **Syntomis** *nyades Bdv.* 7 **Syntomis** *phegea. Fab* 8. **Atychia** *pumila. Och. Lat* 9 *Caterpillar & Chrysalis of the* **Aglaope** *infausta.* 10 **Glaucopis** *Falletii. Feist.* 11 **Aglaope** *americana. Bdv.*

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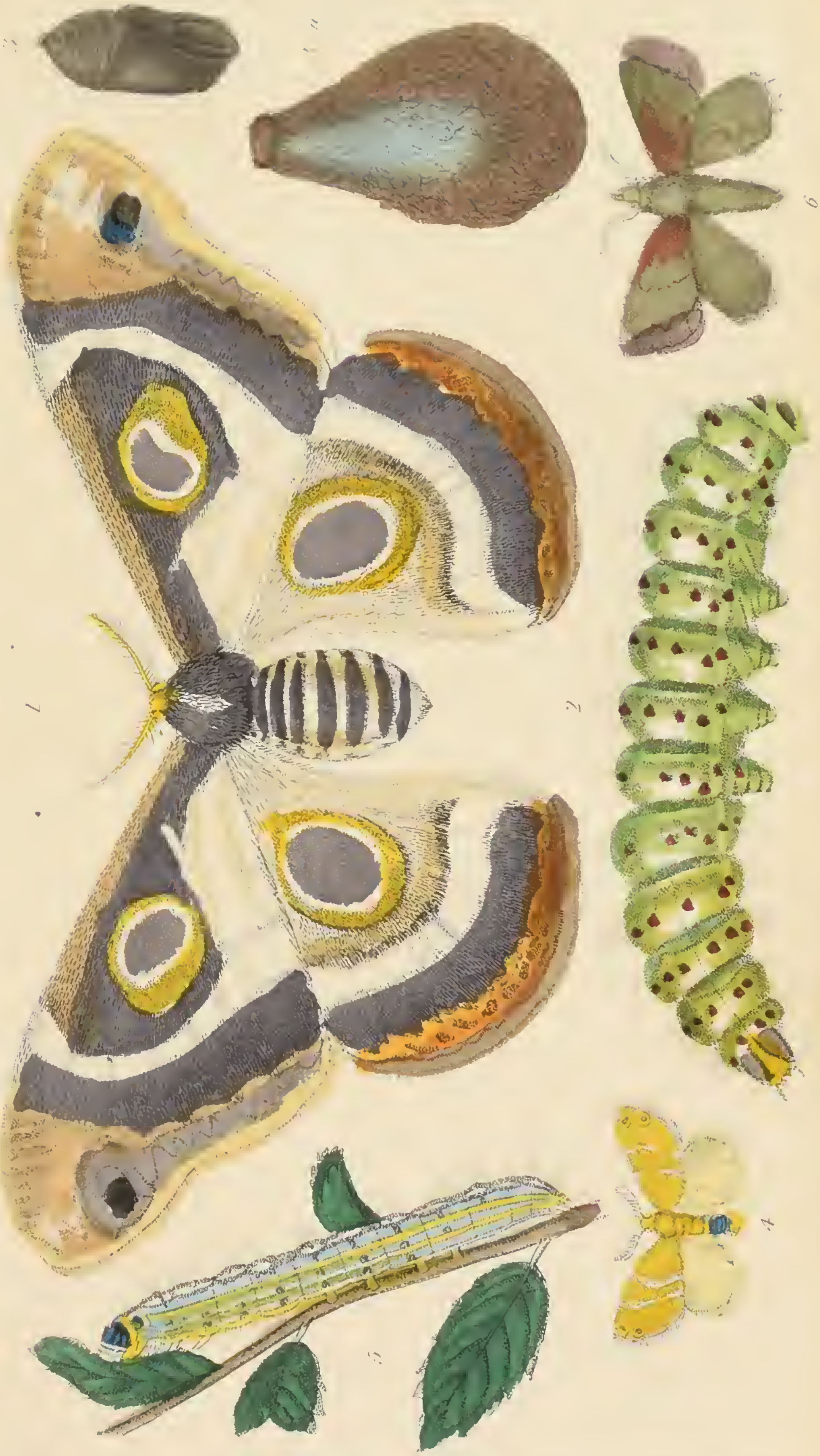

1. Saturnia *bauhiniæ, Bdv.* 2. *Caterpillar of the* Saturnia *luna, Fab.* 3. *Chrysalis of the* Saturnia *pavonia minor, Lin.* 4. Bombyx *digramma, Bdv.* 5. *Caterpillar of the* Bombyx *pensylvanica Bdv.* 6 Lasiocampa *proboscidea, Bdv.*

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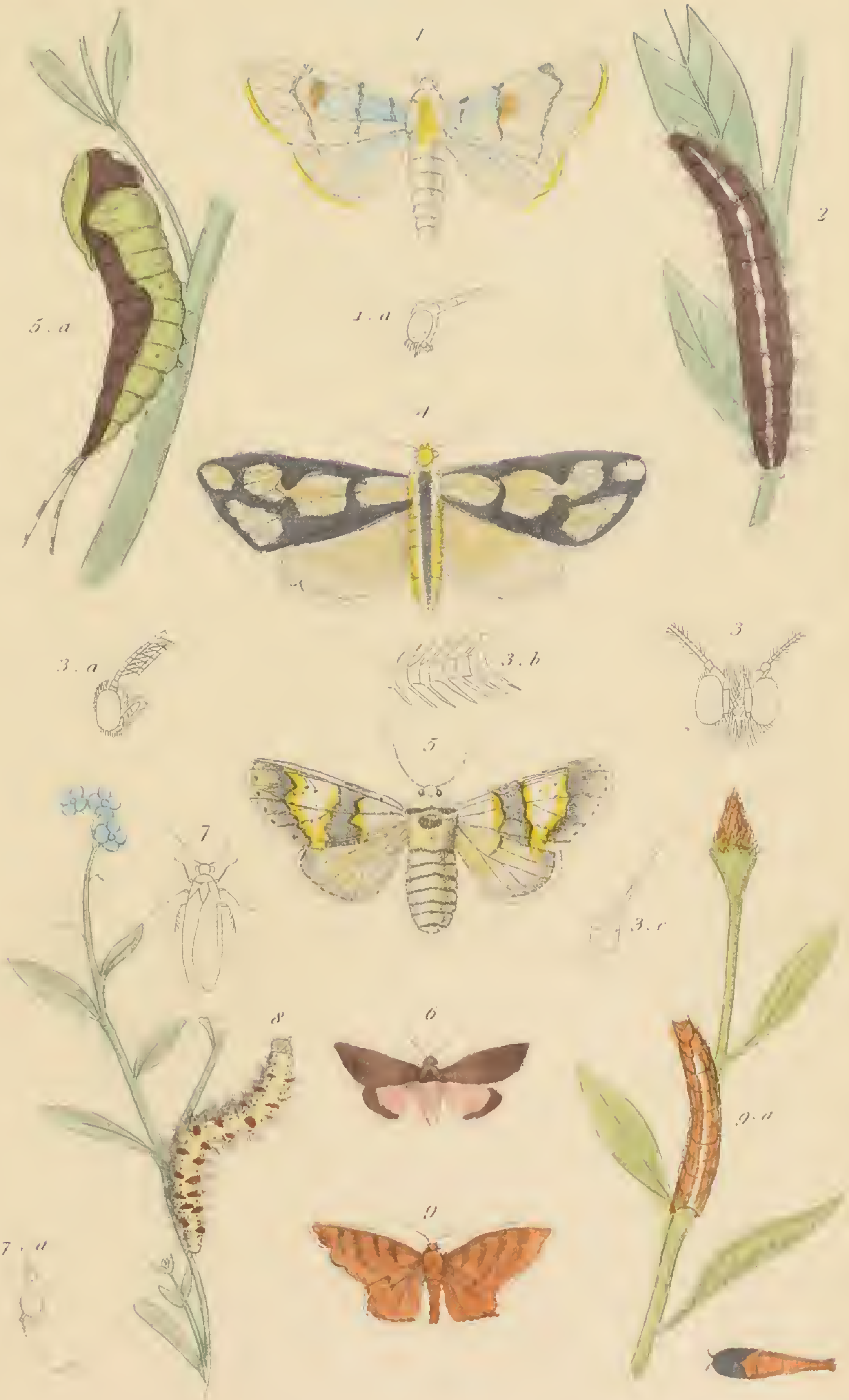

1. Chelonia *evidens*. *Bdv.* 2. *Caterpillar of the* Chelonia *nubilis*. *Bdv.* 3. *Anatomical details of the* Chelonia *chrysorhæa*. 4. Callimorpha *Lecontei*. 5. Dicranoura *borealis*. *Bdv.* 6. Lithosia *læta*. *Bdv.* 7. Lithosia *luteola*. 8. *Caterpillar of the* Lithosia *pulchella*. 9. Platypterix *globulariæ*. *Bdv.*

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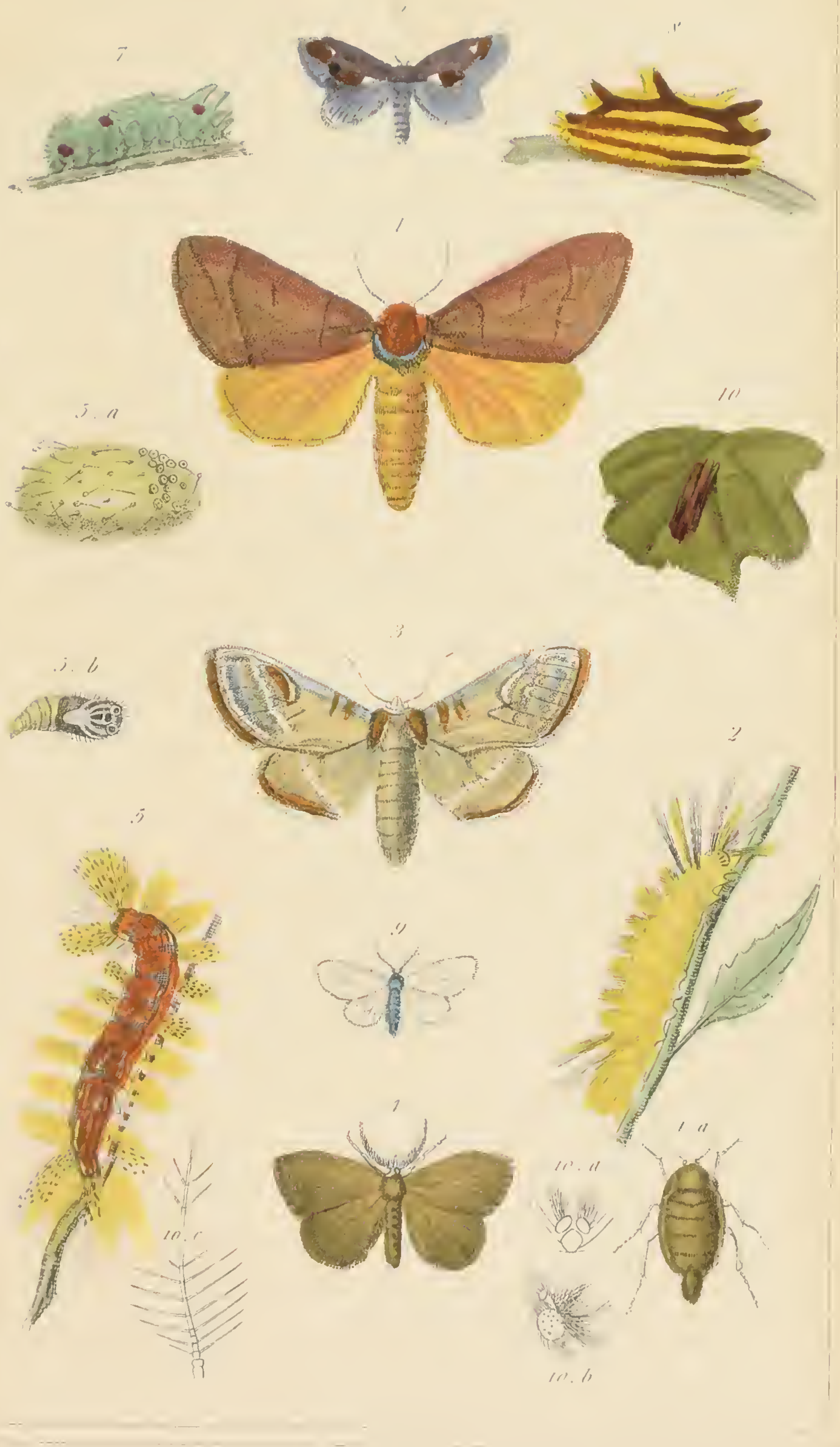

1 Sericaria ranaeceps. Bdv. 2 Caterpillar of the Sericaria tessellata Bdv. 3 Notodonta ziczac Lin. 4 Orgyia detrita. Bdv. 5 Caterpillar & Chrysalis of the Orgyia gonostigma Fab. 6 Limacodes delphinii Bdv. 7 Caterpillar of the Limacodes strigata Bdv. 8 Caterpillar of the Limacodes indeterminata. 9. Psyche calvella Ochs. 10 Parts of the Caterpillar of the Psyche nitidella

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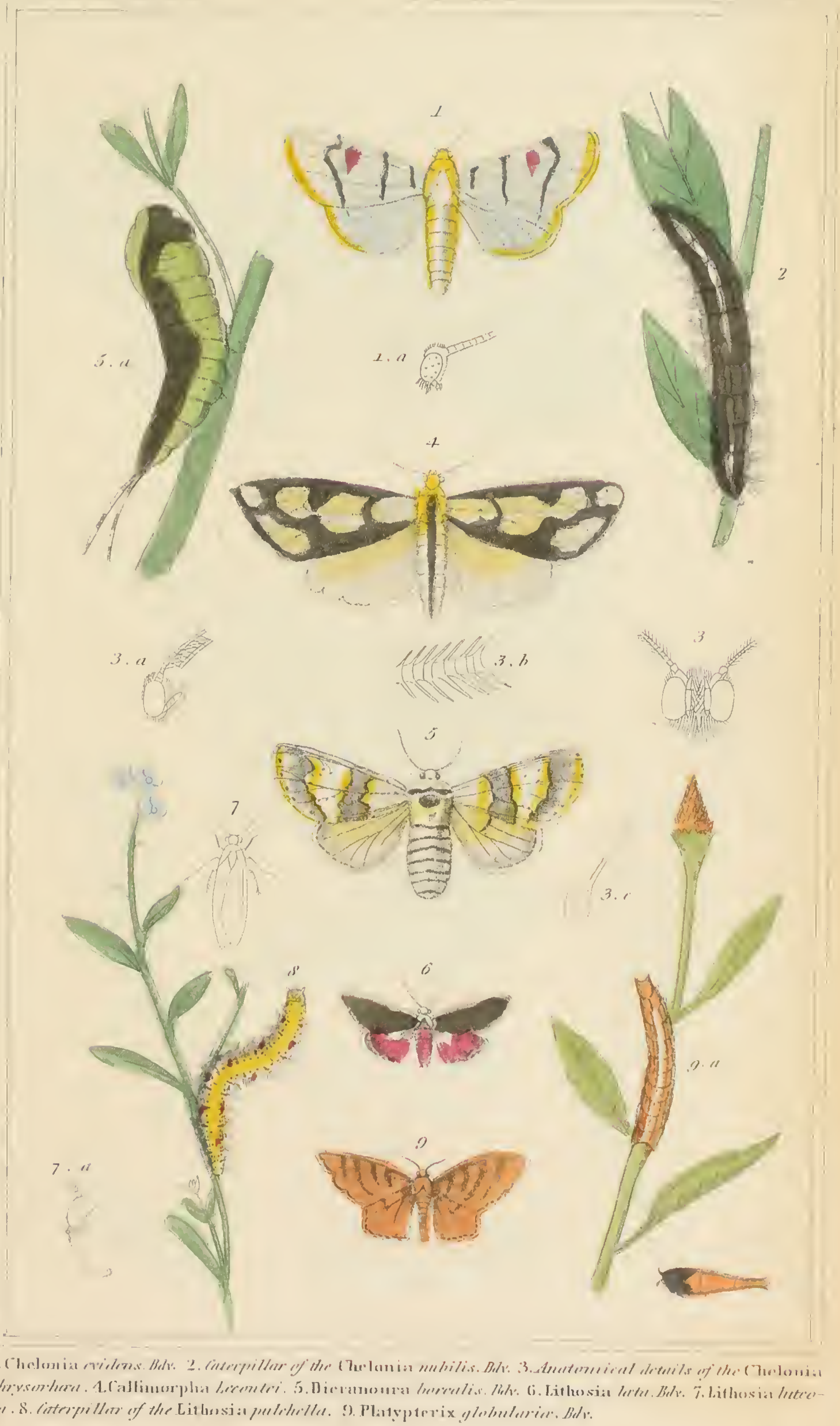

1. Chelonia *evidens. Bdv.* 2. *Caterpillar of the* Chelonia *nubilis. Bdv.* 3. *Anatomical details of the* Chelonia *chrysorhœa*. 4. Callimorpha *Lecontei*. 5. Dicranoura *borealis. Bdv.* 6. Lithosia *læta. Bdv.* 7. Lithosia *luteola*. 8. *Caterpillar of the* Lithosia *pulchella*. 9. Platypterix *globulariæ. Bdv.*

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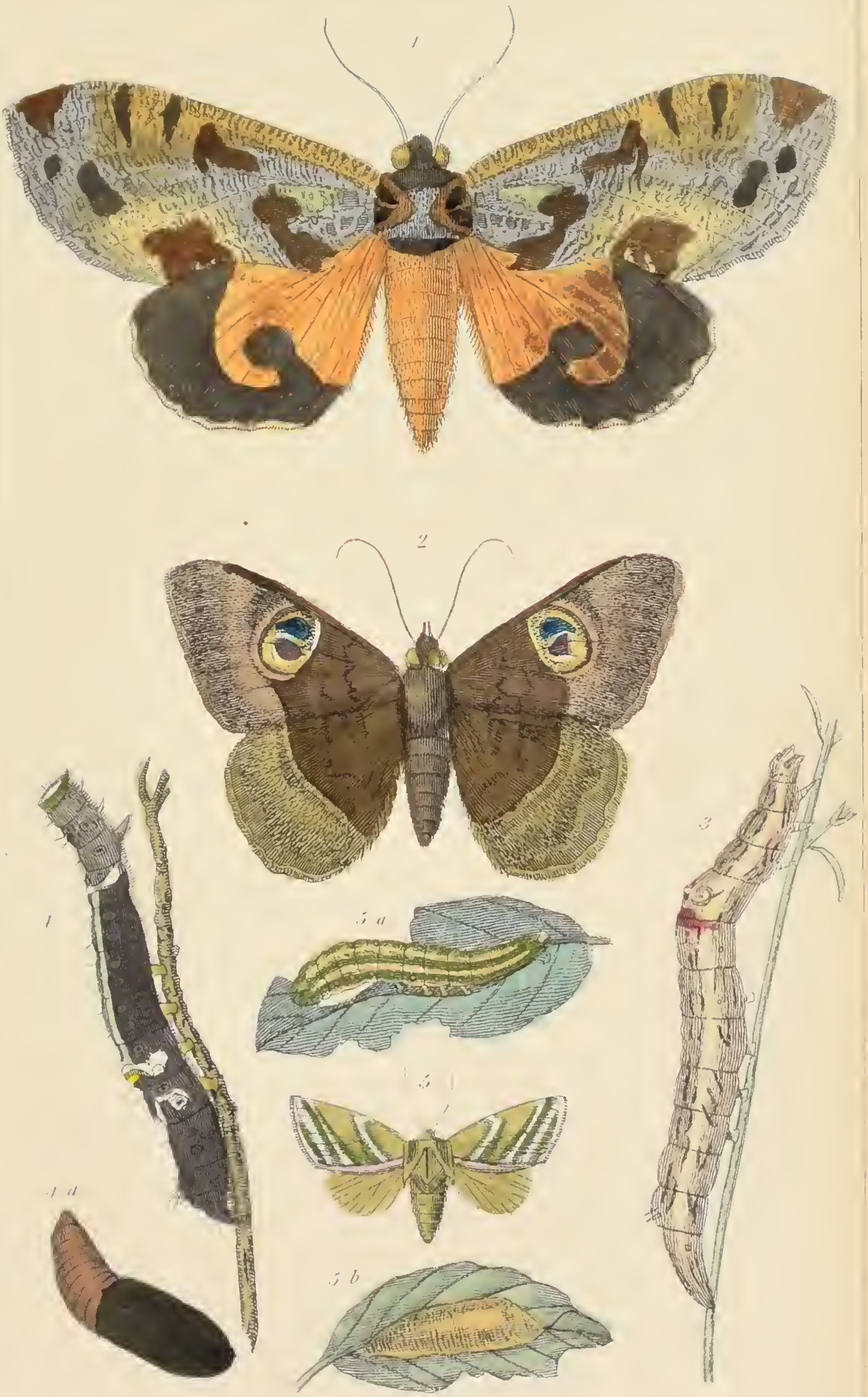

1. Noctua (*Ophideres*) *Imperator Bdv.* 2 Erebus *limacina, Bdv.* 3. *Caterpillar of* Erebus *Omoptera putrescens Bdv.* 4. *Caterpillar & Chrysalis of* Noctua (*Catocala*) *sponsa Fab.*
5 Pyralis *fagana Fab.*

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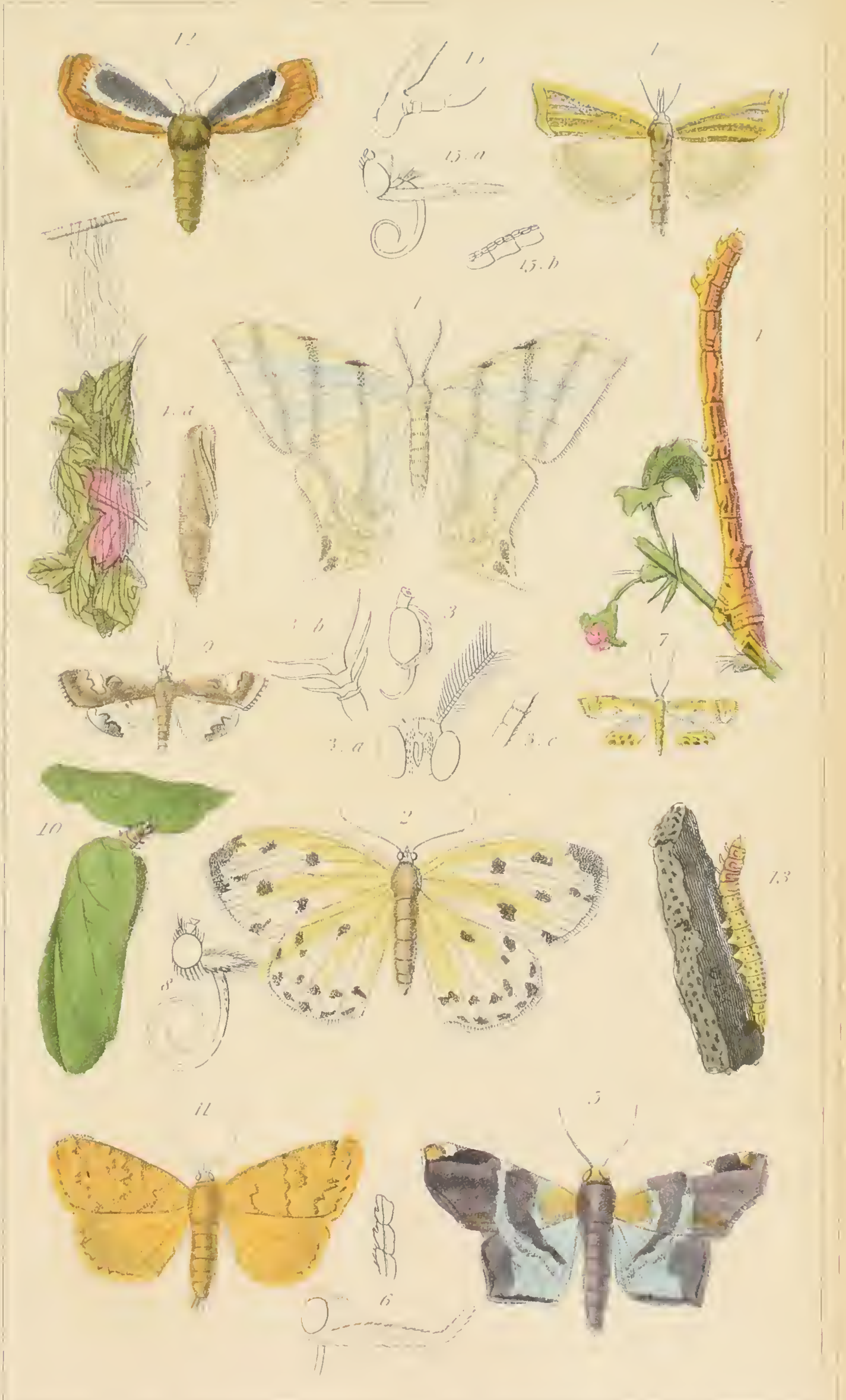

1. Phalæna *machaonaria Bdv.* 2. Phalæna *guttaria Bdv.* 3. *Anatomy of the* Phalæna *favillacea* h 4. *Caterpillar of the* Phalæna *grossulariata L.* 5. Herminia *sidonia Cram.* 6. *Head of the* Herminia *crassalis Fab.* 7. Botys *dilucidalis Bdv.* 8. *Head of the* Botys *cingulalis Hub.* 9. Hydrocampe [illegible]*ilis Bdv.* 10. *Caterpillar of the* Hydrocampe *nymphæata Lat.* 11. Anglossa *dilucidalis Bdv.* 12. Galleria *cereana Fab.* 13. *Caterpillar of the* Galleria *colonella Hub.* 14. Crambus *retusalis Bdv.* 15. *Anatomy of the* Crambus *radiellus Hub.*

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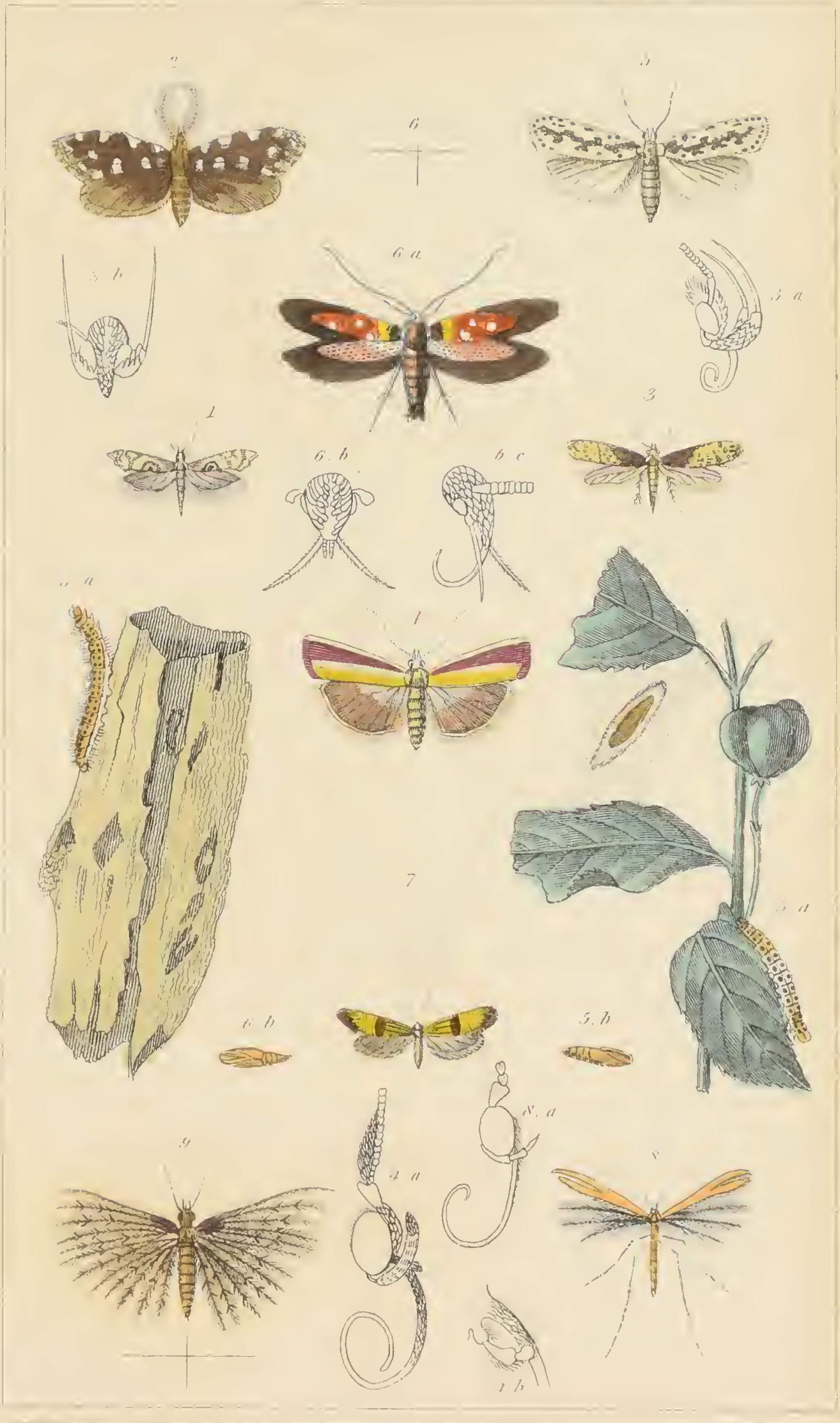
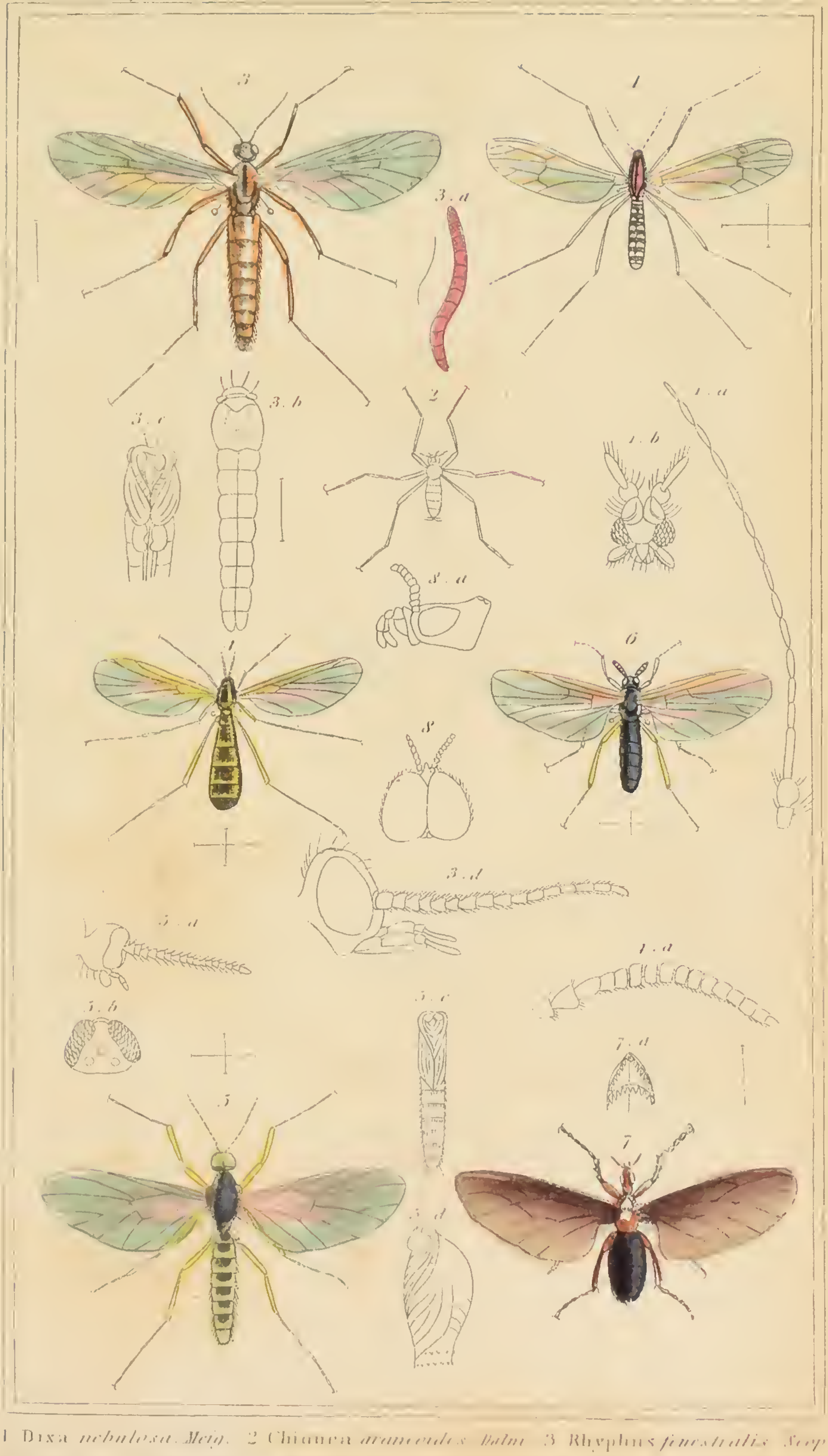


1 **Alucita** *asperella Hubn.* 2. **Euplocamus** *anthracinus Hub.* 3 **Tinea** *lap[illegible] Fab* 3 a H[illegible] Tin *longicornis Curtis.* 4 **Ilithia** *carnea Latr.* 4 a b *Anatomy of Il. pinguis Curtis* 5 **Yponomeuta** *pusiella, Hub.* 5 a b *Caterpillar & Chrysalis of* Yp *plumbella H.* 6 **Æcophora** *Larvella* [illegible] *Caterpillar & Chrysalis of Æc mancella Hub.* 7 **Adela** *Degeerella Fab* 8 **Pterophorus** [illegible] *Hub* 8 a *Head of* **Pter** *spilodactylus Curtis* 9 **Orneodes** *hexadactylus Fab*

London [illegible]



1 Dixa *nebulosa. Meig.* 2 Chionea *araneoides. Dalm.* 3 Rhyphus *fenestralis. Scop.*
4. Platyura *flavipes. Meig.* 5 Mycetobia *thoracica. Guér.* 6. Simulium *ornatum. Meig.*
7 Dilophus *thoracicus. Guér.* 8 *Anatomical details of the* Bibio *venosus. Meig.*

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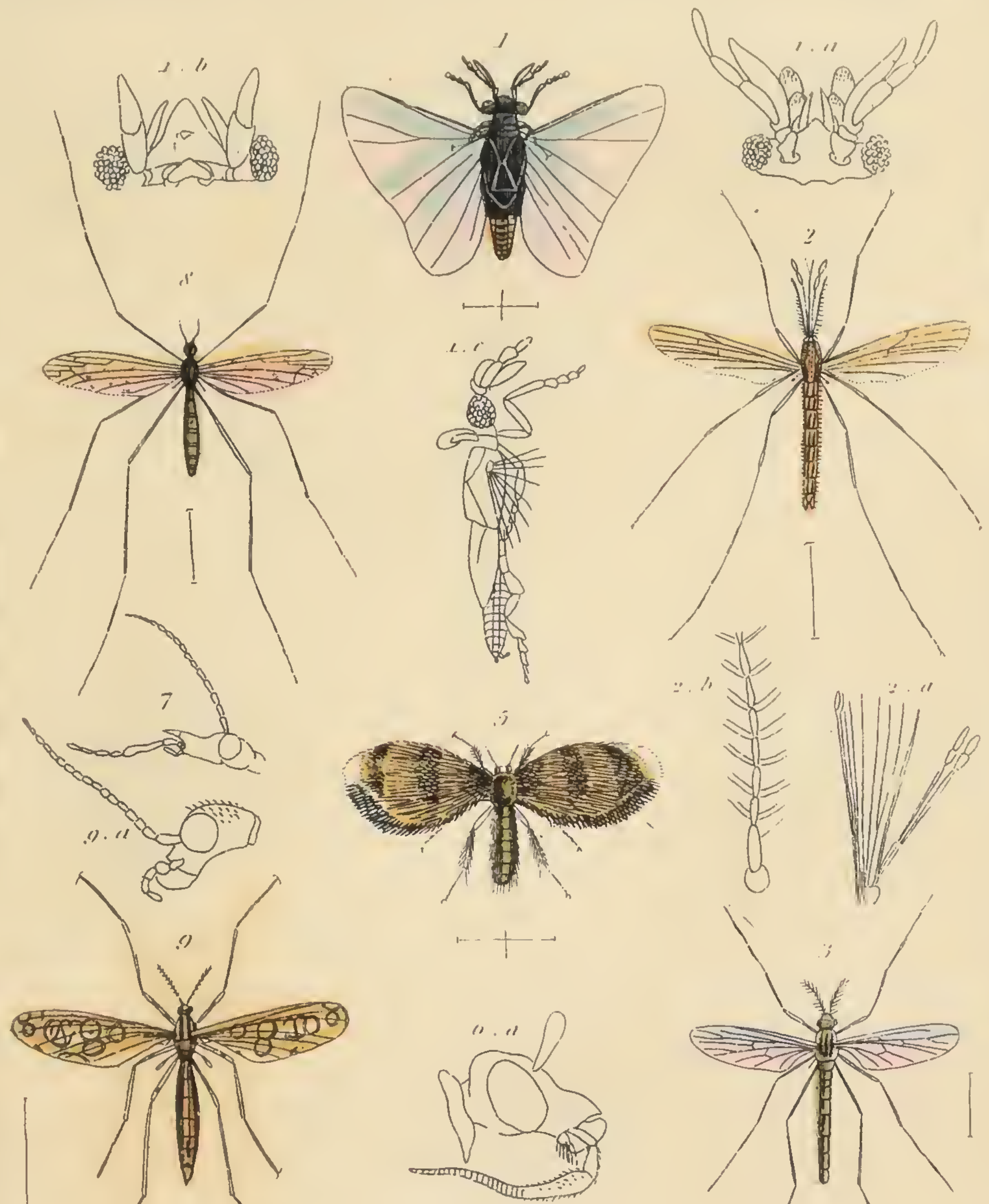

1. Stylops *Dalii. Curt.* 2. Anopheles *bifurcatus. L.* 3. Corethra *plumicornis. Meig.* 4. *Antennæ of the* Chironomus. 5. Psychoda *palustris. Meig.* 6. Ctenophora *festiva. Meig.* 7. *Head of the* Tipula. 8. Rhipidia *maculata. Meig.* 9. Limnobia *ocellaris. L.*

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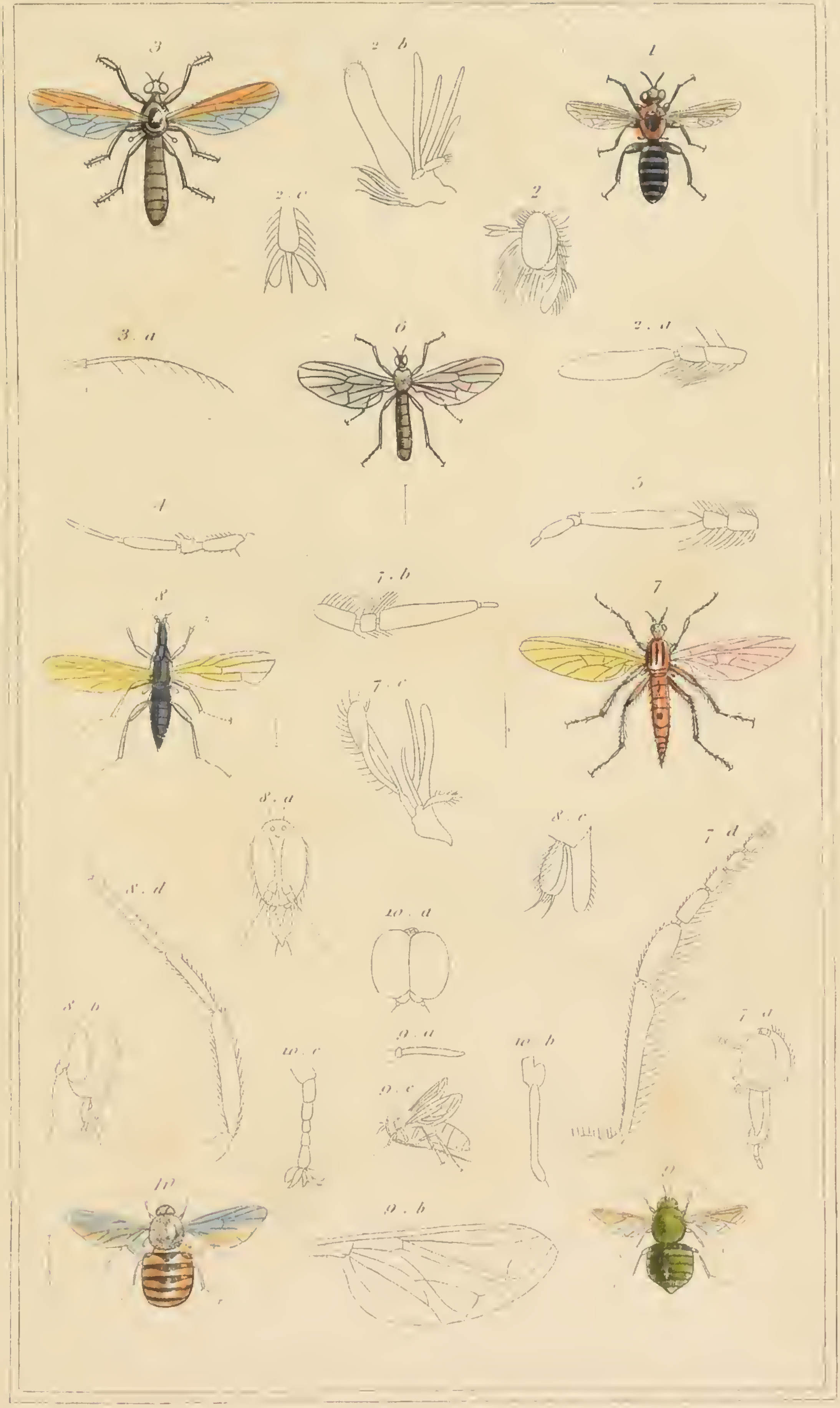

1. Laphria *hirticornis. Guer.* 2. *Anatomical details of the* Laphria *maura. Meig.* 3. Ommatius *conopsoides. Wied.* 5. *Antennæ of the* Dasypogon. 6. Hybos *flavipes. Macq.* 7. Rhamphomyia *pennata. Macq.* 8. Tachydromyia *(sicus) arrogans. Lin.* 9. Panops *occitiger. Wied.* 10. Ogcodes *gibbosus. Meig.* 4. *Antennæ of the* Asilus.

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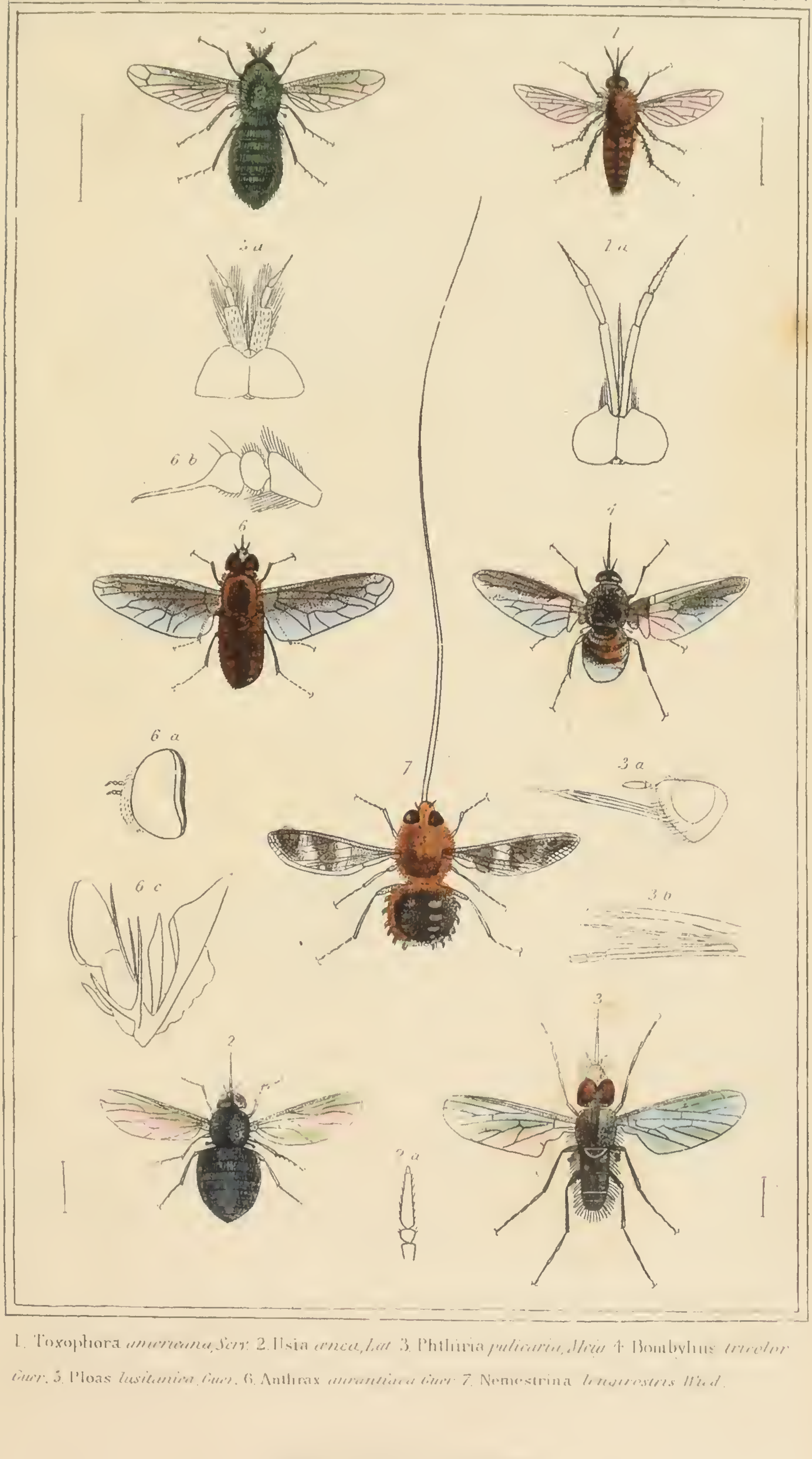

1. Toxophora *americana, Serv.* 2. Usia *ænea, Lat.* 3. Phthiria *pulicaria, Meig.* 4. Bombylius *tricolor Guer.* 5. Ploas *lusitanica, Guer.* 6. Anthrax *aurantiaca Guer.* 7. Nemestrina *longirostris Wied.*

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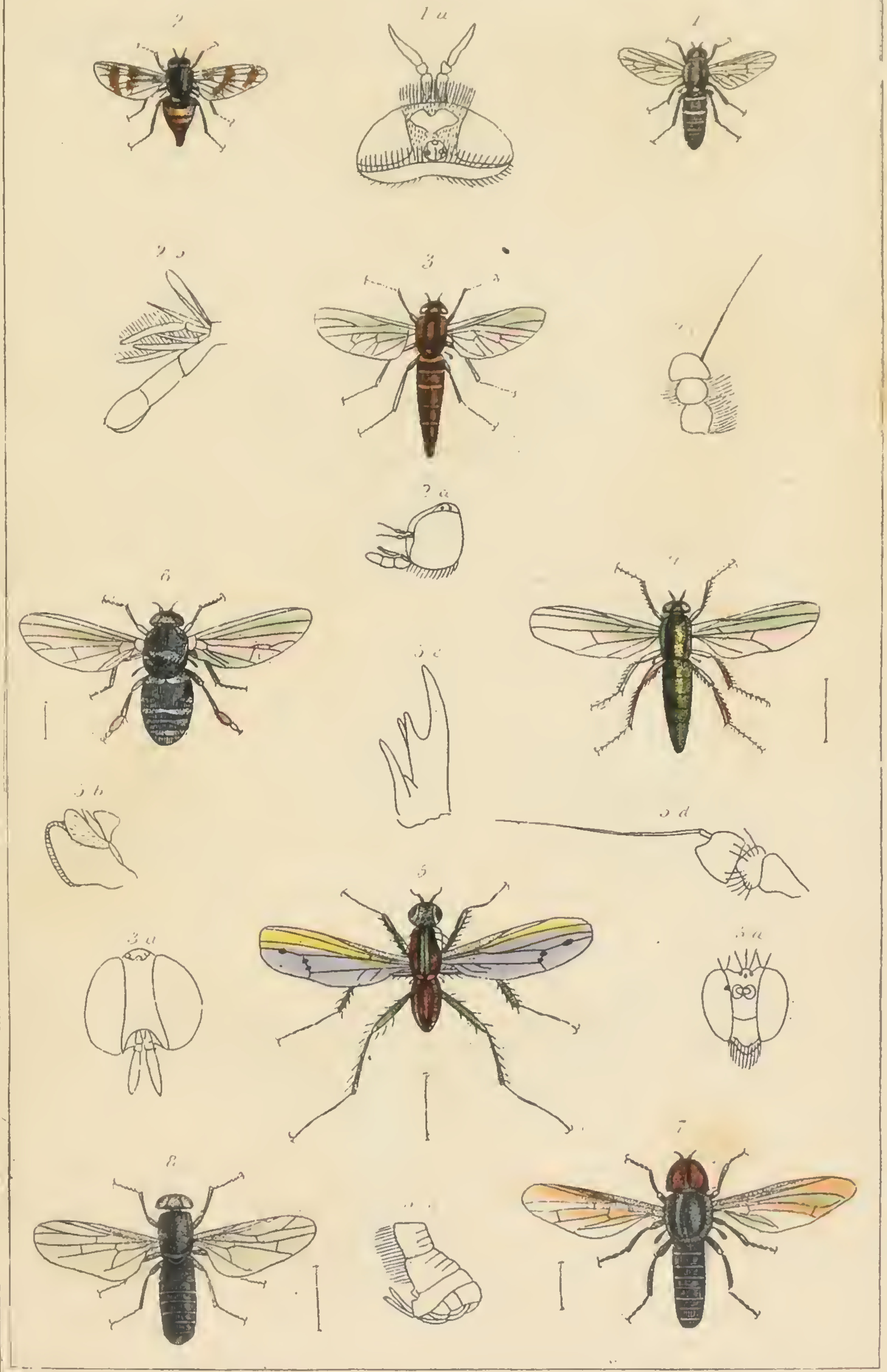

1 Thereva *confinis Meig.* 2 Atherix *ibis, Meig.* 3 Lepus *Servillei Guer.* 4 Dolichopus *ungulatus Fab.* 5 Medeterus *notatus Fab.* 6 Platypeza *sophia Lepel.* 7 Pipunculus *campestris, Meig.* 8 Scenopinus *fenestralis, Fab.*

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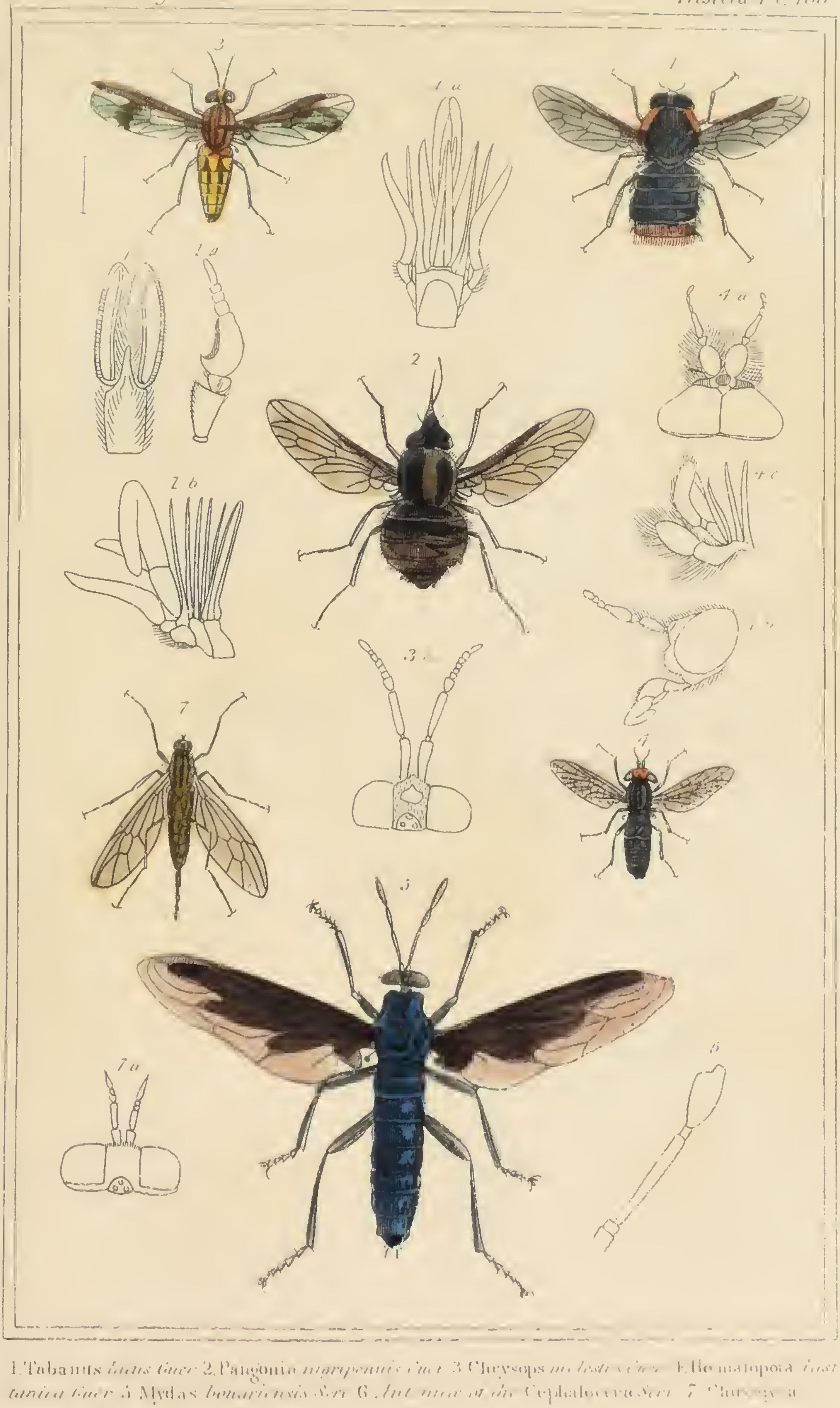

1. Tabanus *lunus Guér.* 2. Pangonia *nigripennis Guér.* 3. Chrysops *modestus Guér.* 4. Hæmatopota *lusitanica Guér.* 5. Mydas *bonariensis Serv.* 6. *Antennæ of the* Cephalocera *Serv.* 7. Chrysopila *vittata Wied.*

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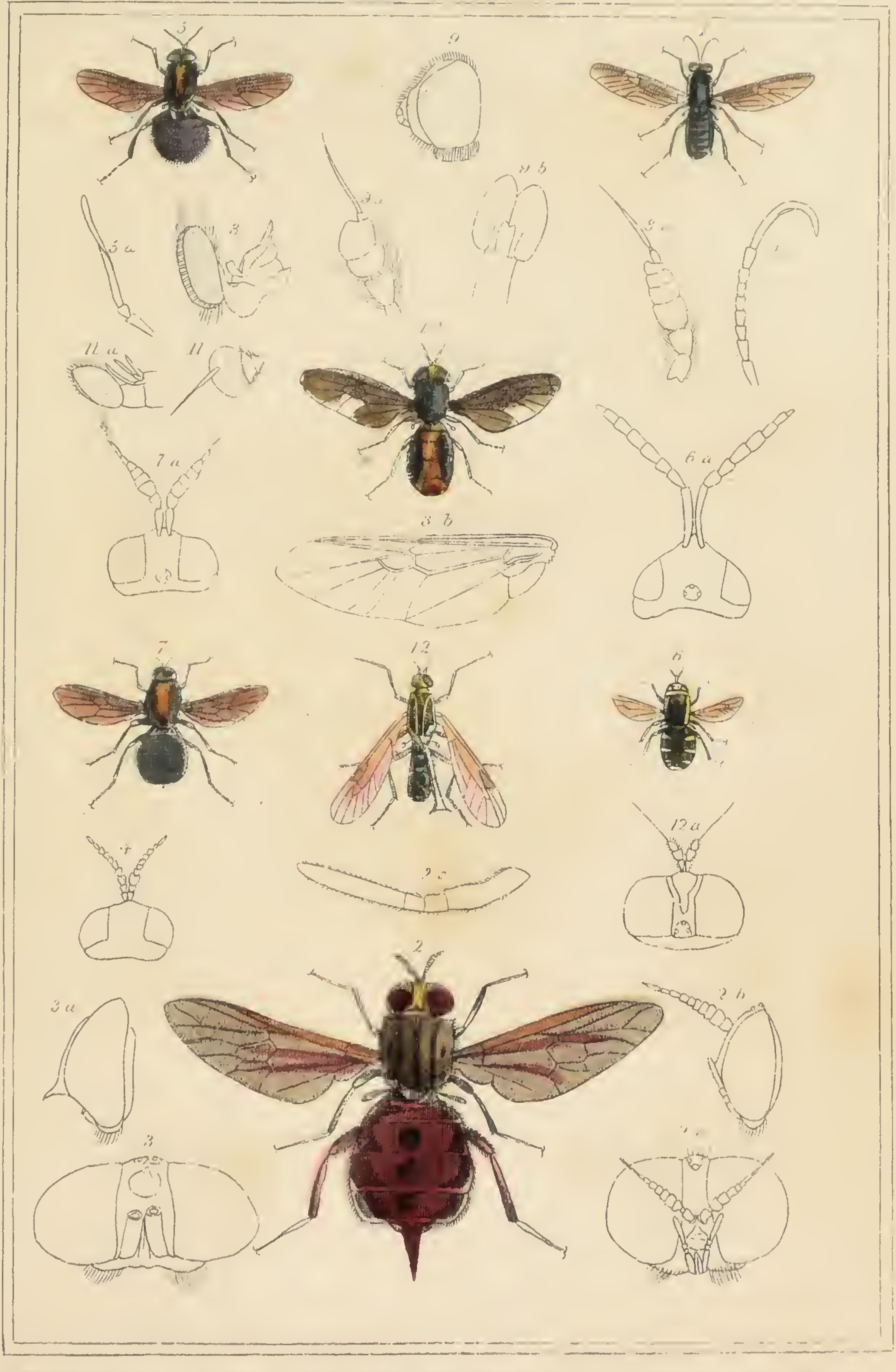

1. Hermetia *singularis Guer.* 2. Acanthomera *Servillei Guer.* 3 *Head of the* Acanth *picta, Weid.* 4. *Head of the* Beris. 5 Cyphomyia *auriflamma Wied.* 6. Stratiomys *crenata Serv. an ber?* 7 Ephippium *thoracicum, Lat.* 8. *Anatomical details of the* Oxycera 9 *Anatomical details of the* Sargus *Reaumurii Meig.* 10. Chrysochlora *hirticornis Weid.* 11. *Anatomical details of the* Vappo. 12. Dicranophora *furcifera Wied.*

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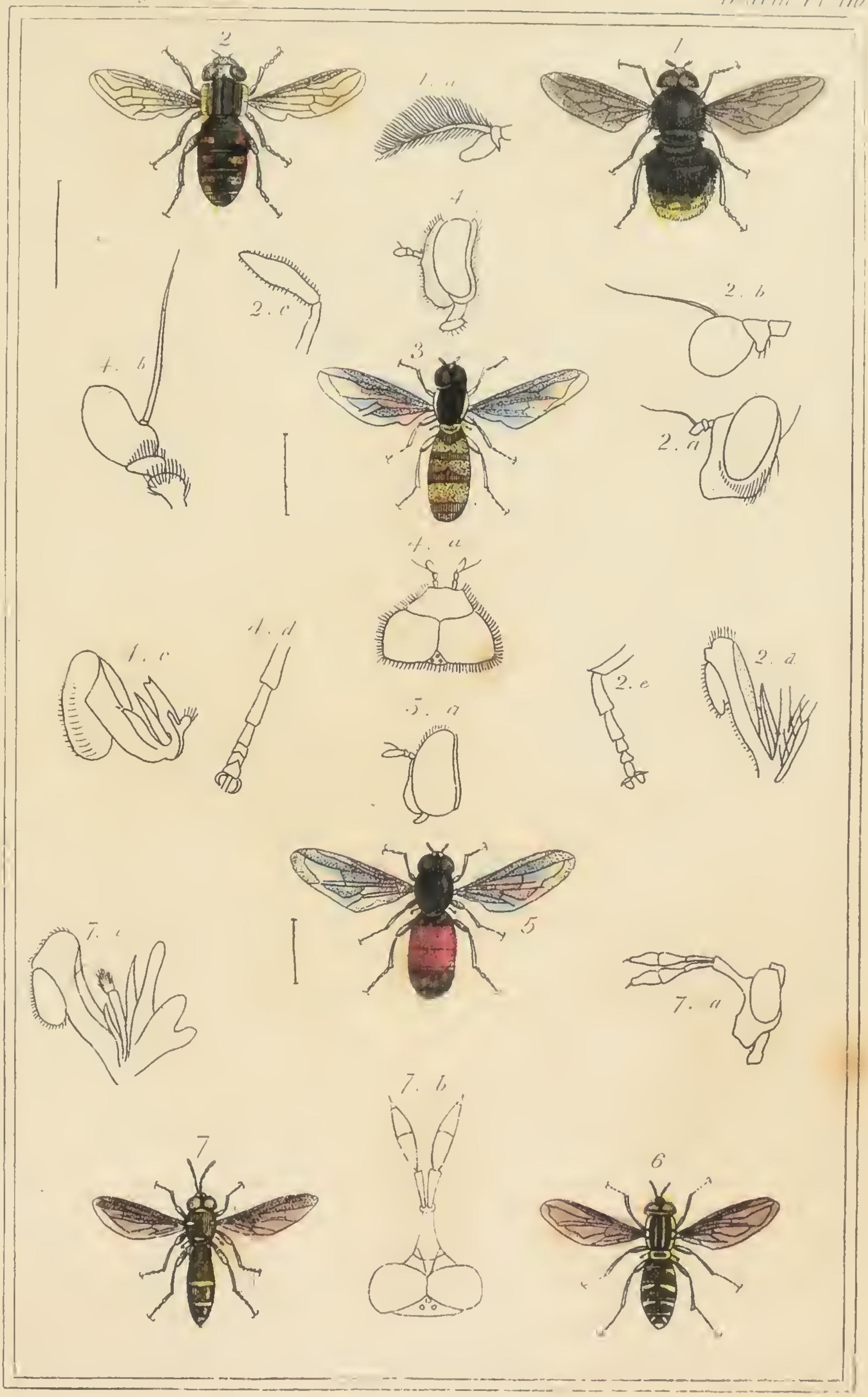

1 Volucella *bombylans Meig.* 2 Helophilus *chilensis Guer.* 3 Syrphus *senegalensis Guer.* 4 *Anatomical details of the* Syrphus *(Scæva) unicolor Curt.* 5 Paragus *bicolor Lat.* 6 Chrysotoxum *arcuatum Meig.* 7 Ceria *Conopsoides, Meig.*

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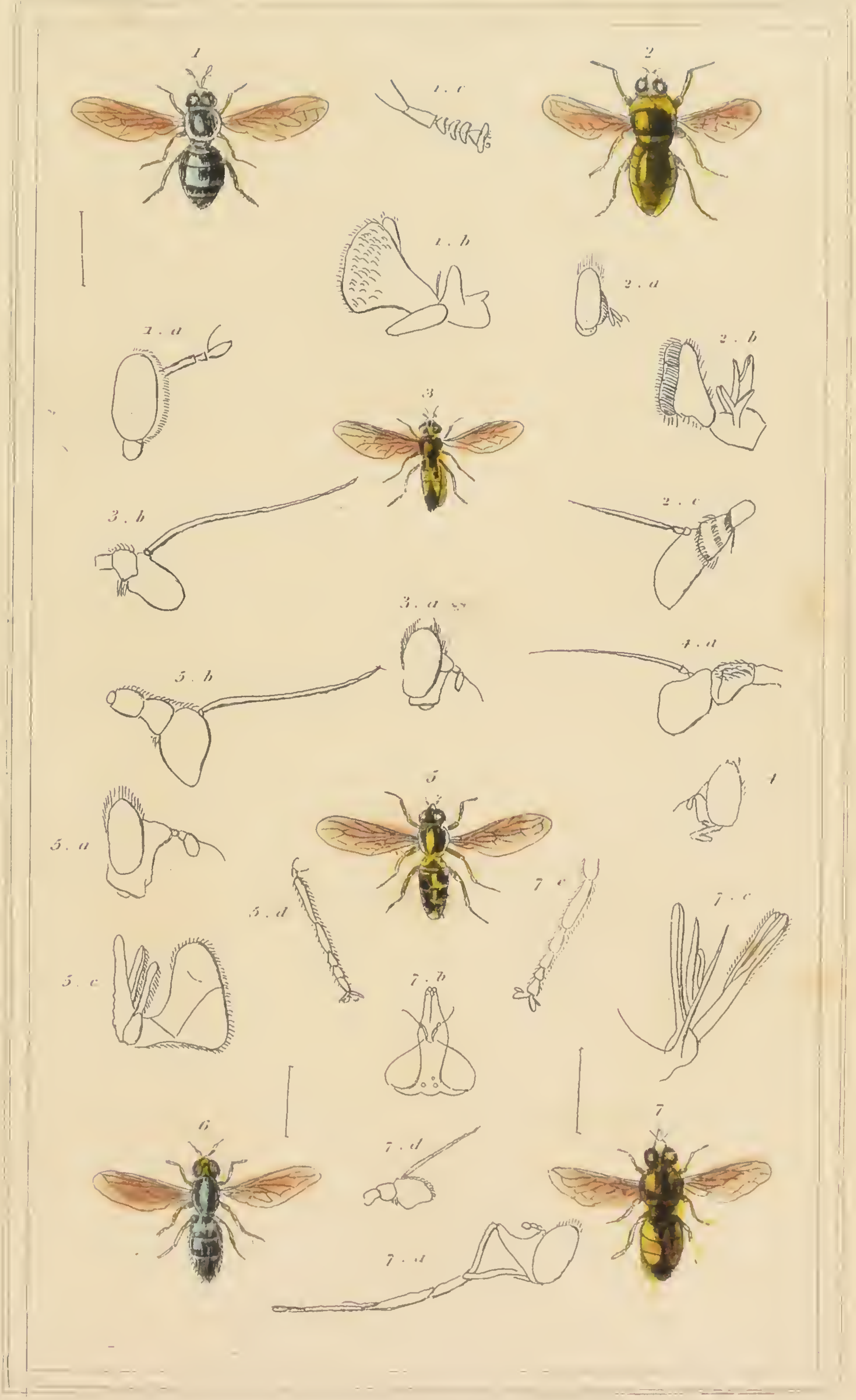

1. Aphritis *apiformis de Geer.* 2. Merodon *equestris. Meig.* 3. Xylota *segnis. L.* 4. *Head of the* Tropidia 5. Milesia *speciosa. Fab.* 6. Pipiza *fasciata. Meig* 7. Rhingia *campestris. Meig.*

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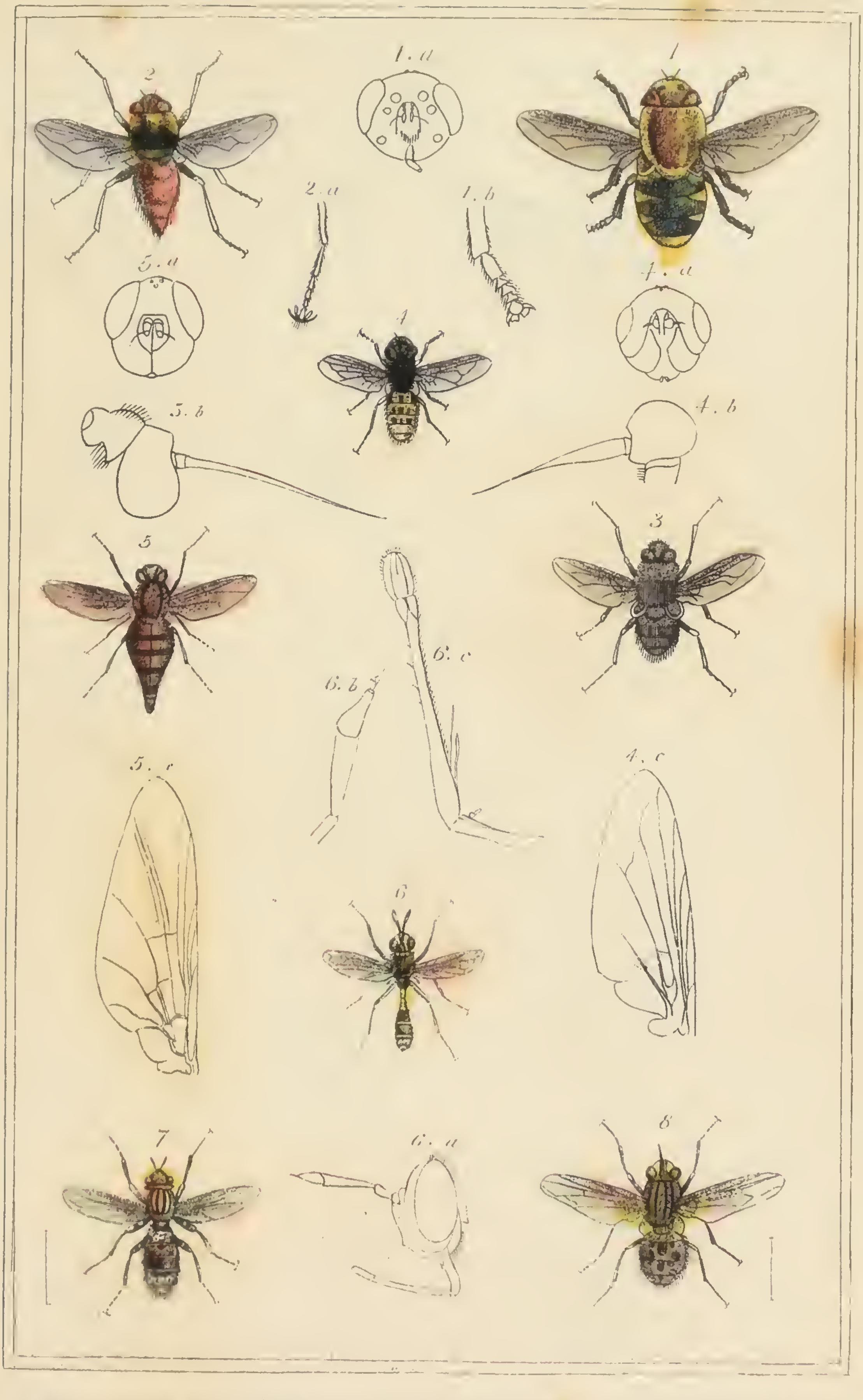

1 Cuterebra *apicalis* Guer. 2. Œdemagena *tarandi* L. 3. Hypoderma *bovis* F. 4 Cephalemyia *ovis* L.
5 Æstrus *equi* L. 6. Conops *rufipes*, F. 7. Myopa *variegata* Meig. 8 Stomoxys *calcitrans* L.

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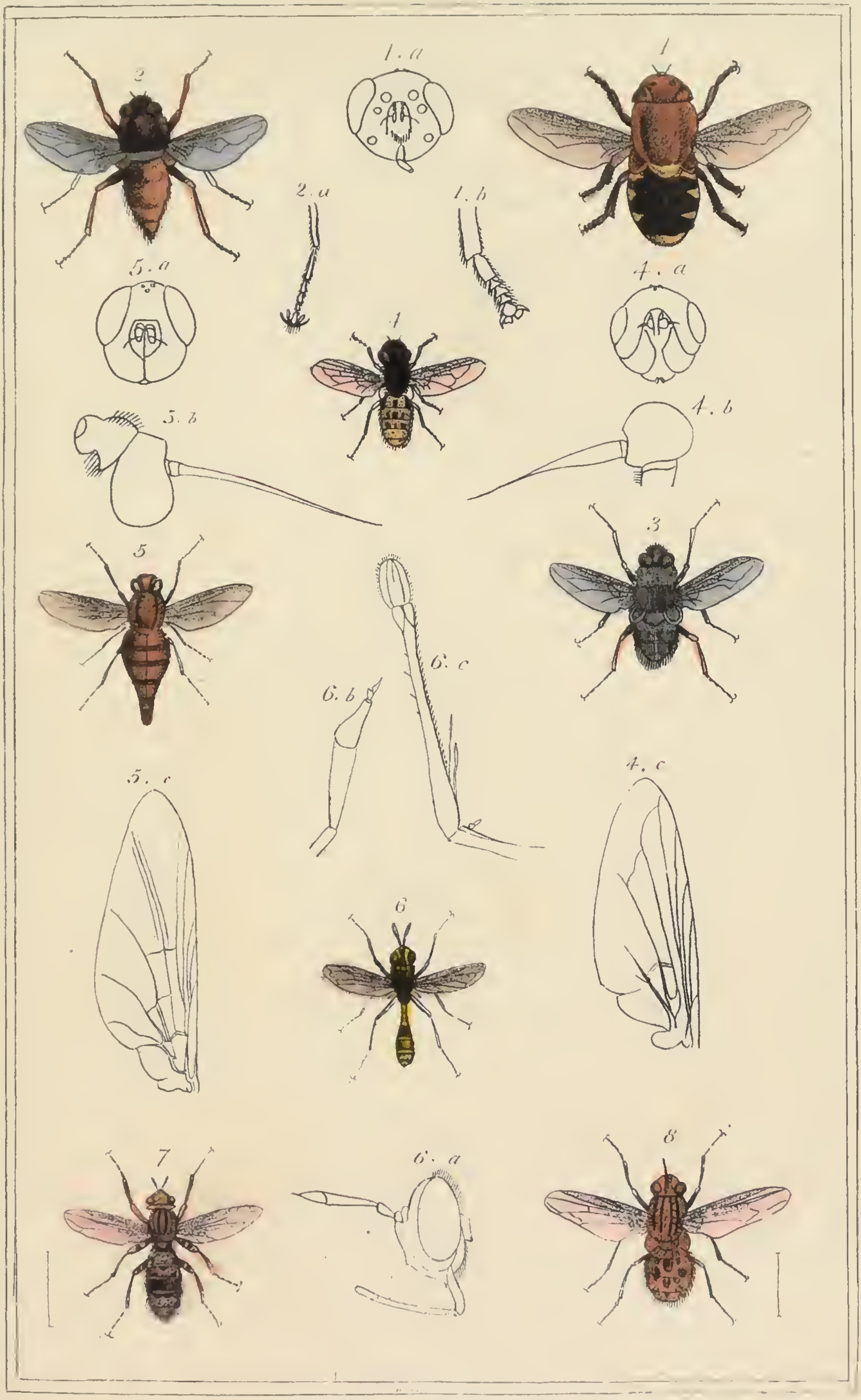

1 **Cuterebra** *apicalis Guer.* 2. **Œdemagena** *tarandi. L.* 3. **Hypoderma** *bovis. F.* 4 **Cephalemyia** *ovis. L.*
5 **Æstrus** *equi. L.* 6. **Conops** *rufipes. F.* 7. **Myopa** *variegata. Meig.* 8. **Stomoxys** *calcitrans. L.*

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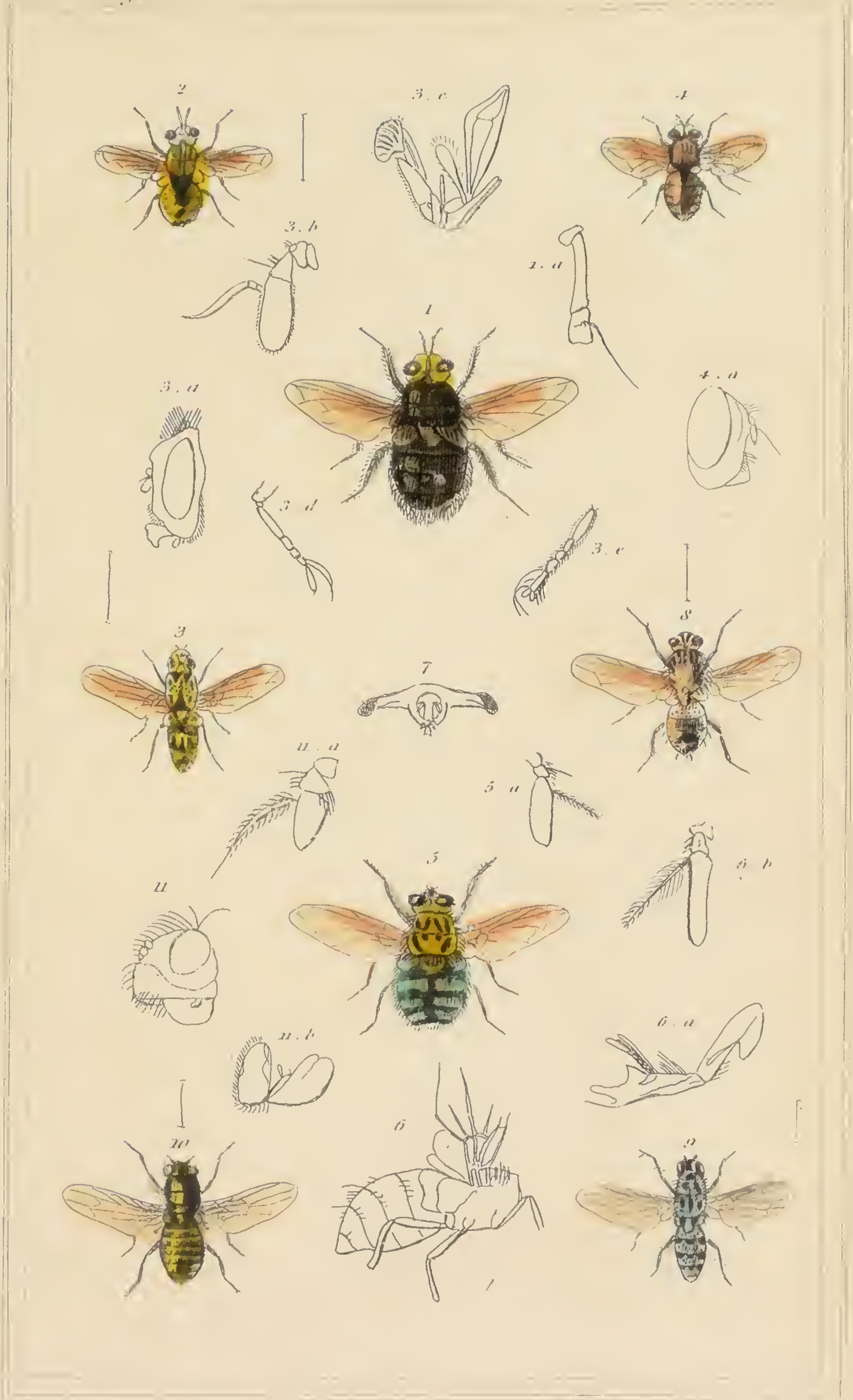

1. Echynomyia *grossa. Fab.* 2. Gymnosoma *rotundata. Fab.* 3. Miltogramma *punctata. Meig.* 4. Phasia *brachyptera. Meig.* 5. Lucilia *mirabilis. G.* 6. Calliphora *vomitoria. L.* 7. *Head of the* Achias *oculatus.* 8. Lispe *tentaculata. Meig.* 9. Anthomyia *pluvialis. L.* 10. Ephydra *rufitarsis. Macq.* 11. *Anatomical details of the* Ephydra *Spilota Hal.*

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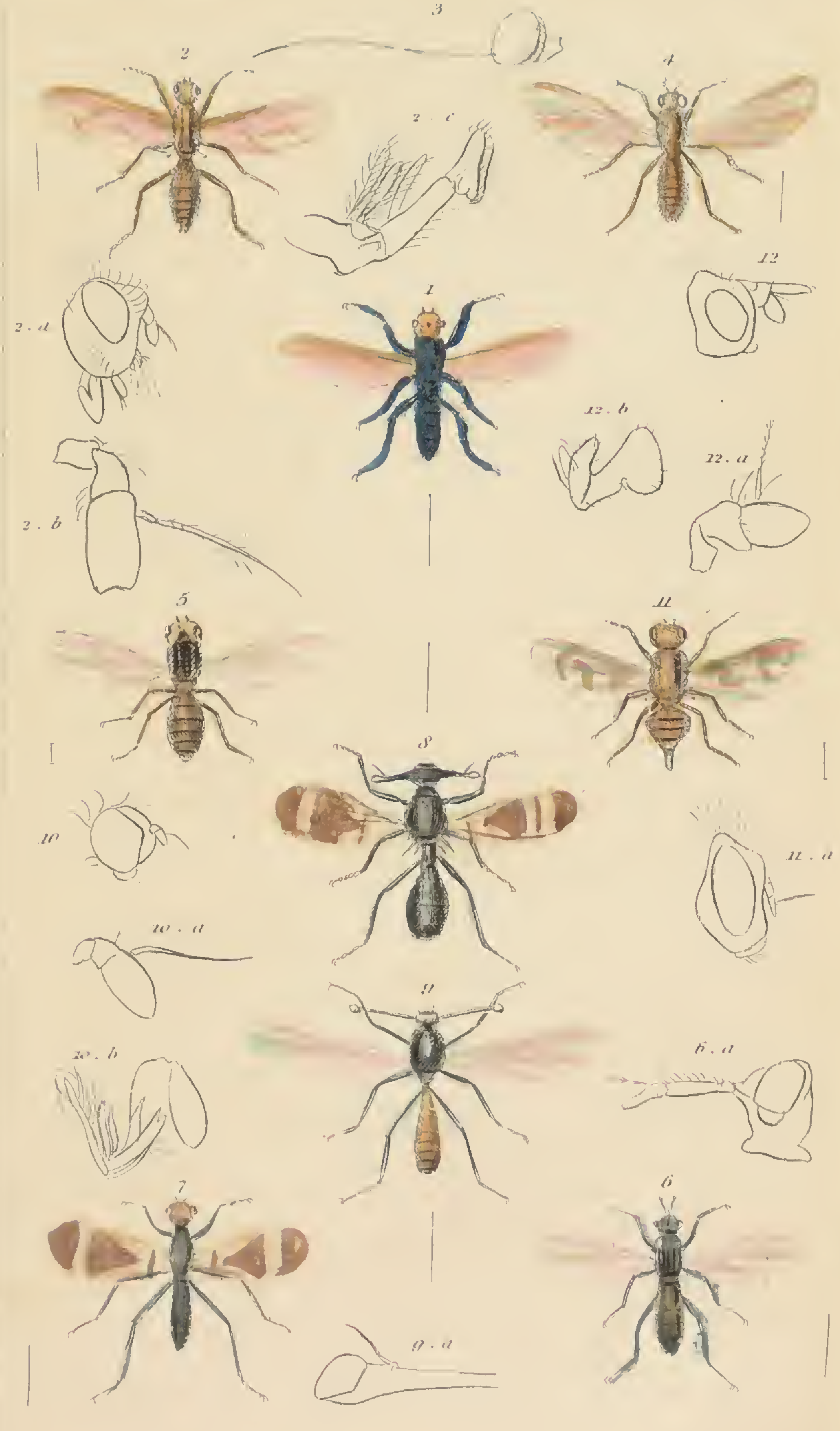

1. Thyreophora *cynophila. Panz.* 2. Scatophaga *Stercoraria. L.* 3. *Antennæ of the* Sphærocera 4. Sapromyza *brunitarsis. Macq.* 5. Oscinis (*chlorops*) *hypostigma. Meig.* 6. Sepedon *sphegeus. Fab.* 7. Calobata (*tæniopteru*) *ruficeps. Guer.* 8. Diopsis *fasciatus. Guer.* 9. Diopsis *atricapillus. Guer.* 10. *Anatomical details of the* Sepsis *annulipes. Meig.* 11. Tephritis *[illegible]liqua. Guer.* 12. *Anatomical details of the* Tephritis *cornuta. Fab.*

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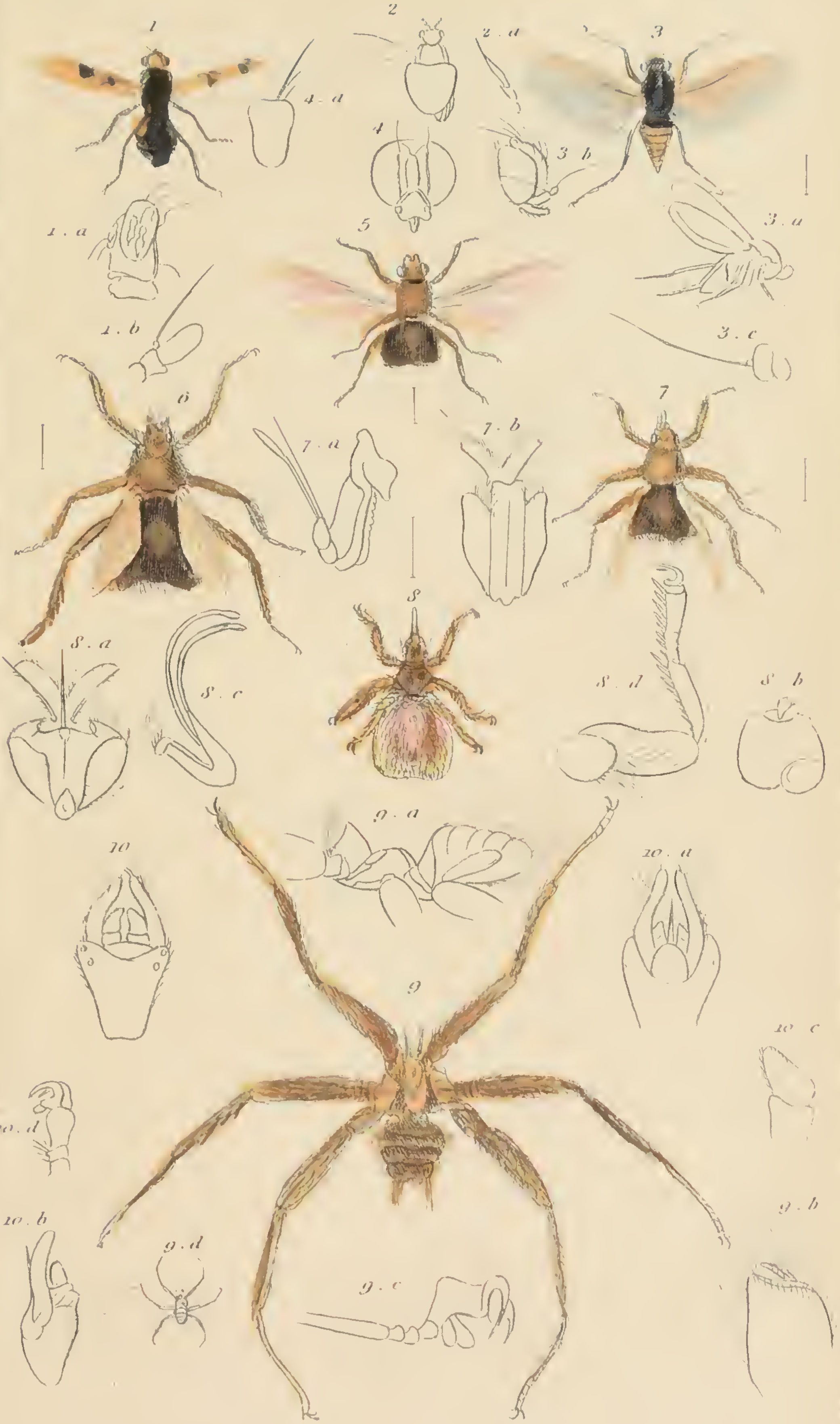

1. Platystoma *lata. Guér.* 2. Celyphus *obtectus. Dalm.* 3. Phora *abdominalis. Fall.* 4. *Anatomical details of the* Hyppobosca *equina. L.* 5. Ornithomyia *chilensis. Guér.* 6. Anapera *tangerii. Guér.* 7. Stenopteryx *hirundinis. Leach.* 8 Melophagus *ovinus. L.* 9. Nycterybia *Westwoodii Guer.* 10. *Anatomical details of the* Nycterybia *Sykesii. West.*

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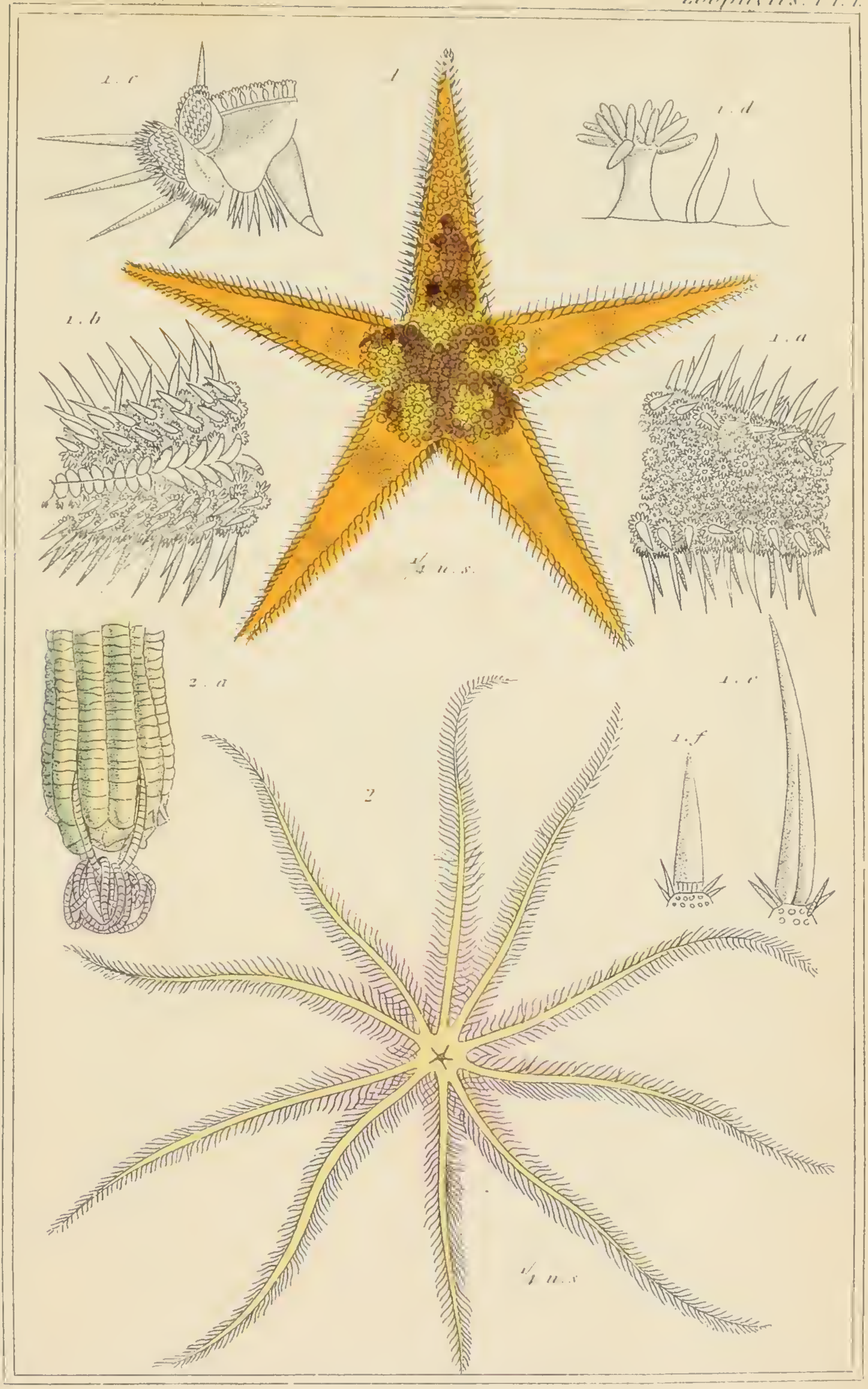

1. Asterias *aurantiaca. Lin.* 2. Comatula *carinata. Lam.?*

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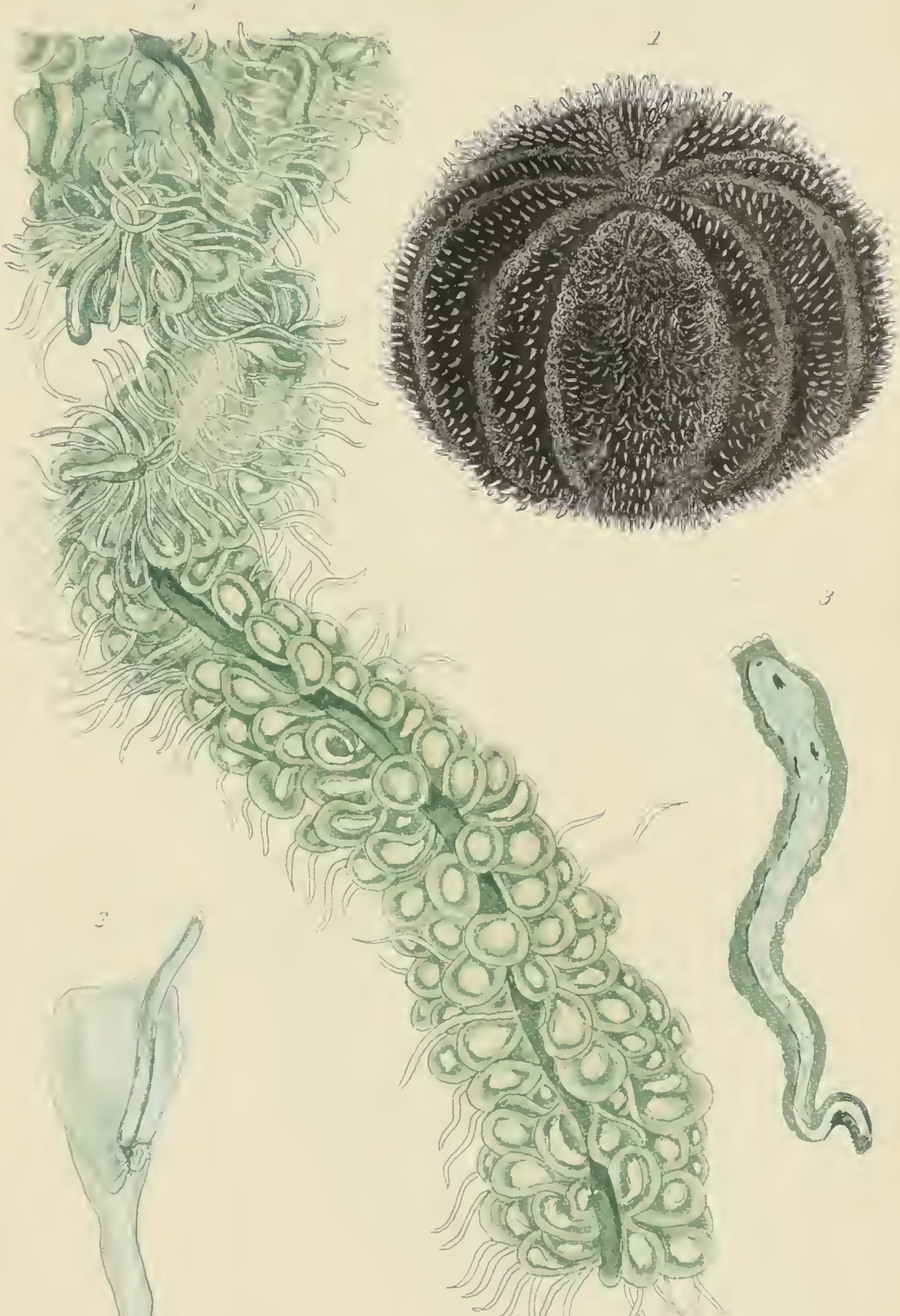

1. Echinus *esculentus, Lin.* 2. & 3. Floriceps *saccata, Cuv.*

4. Stephanomia *uvaria, Les.*

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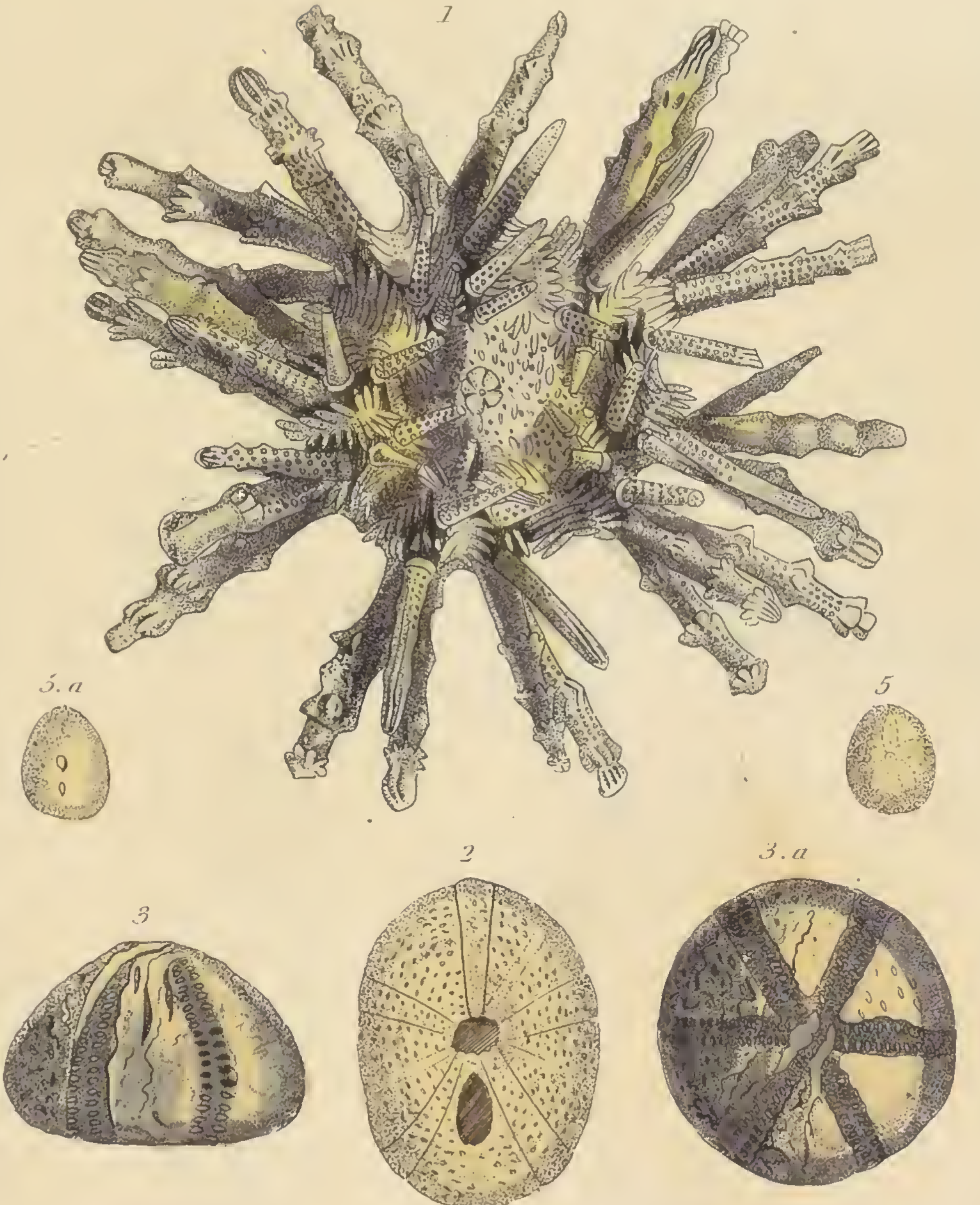

1 Echinus *verticillatus Lam.* 2 Echinoneus *semilunaris Lam.* 3 Galerites *sexfasciatus Lam.*
4 Scutella *hexapora Lam.* 5 Fibularia *ovulum Lam.* 6 . Spatangus *pilosus Val.*

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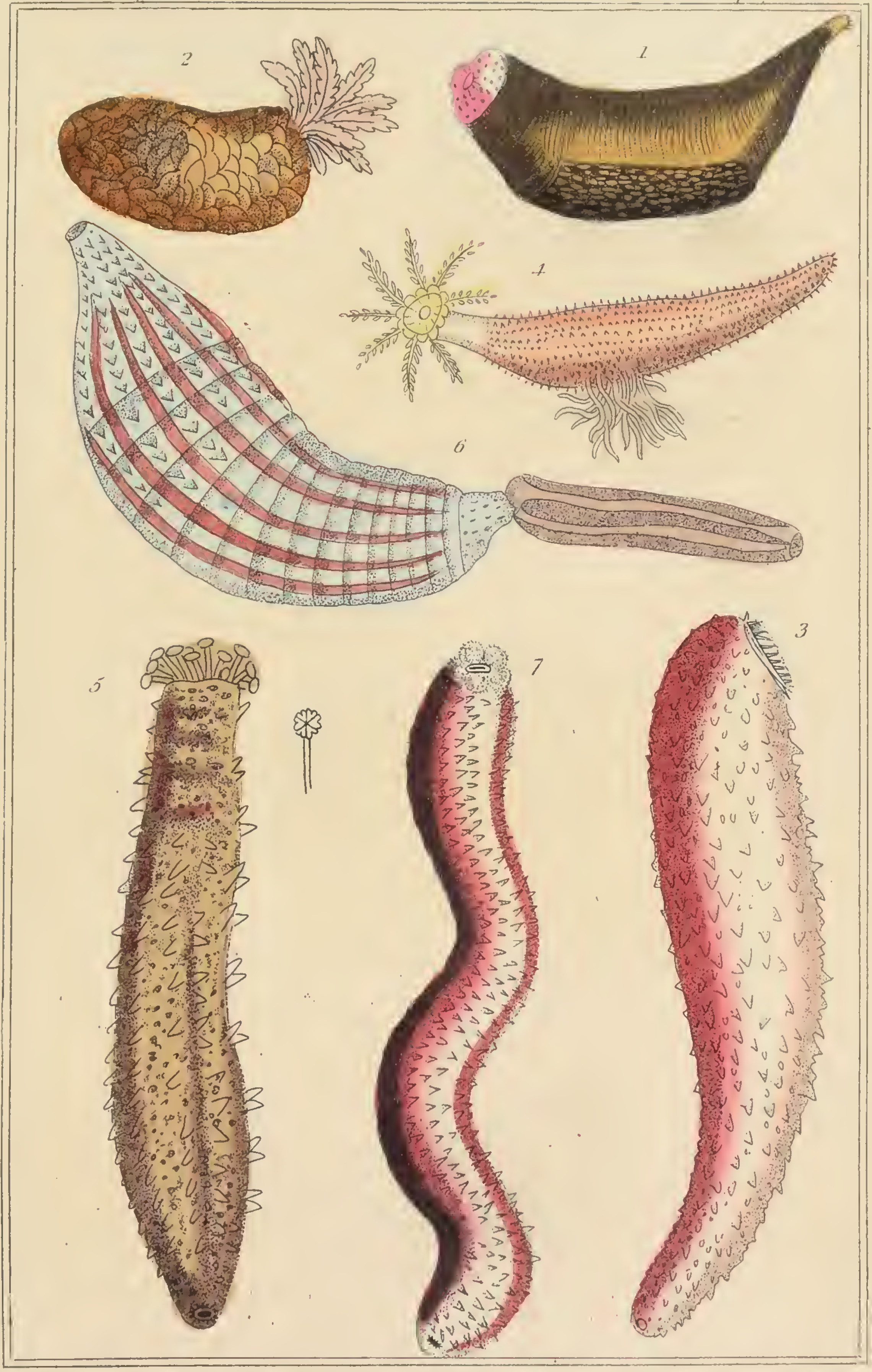

1. Holothuria *phantopus. Lm. Mull.* 2. Holothuria *squamata. Mull. Cuv.* 3. Holothuria *elegans Mull. Cuv.* 4. Holothuria *fusus. Mull.* 5. Holothuria *cucumer Risso* 6. Holothuria *caouari Less.* 7. Holothuria *edulis. Less.*

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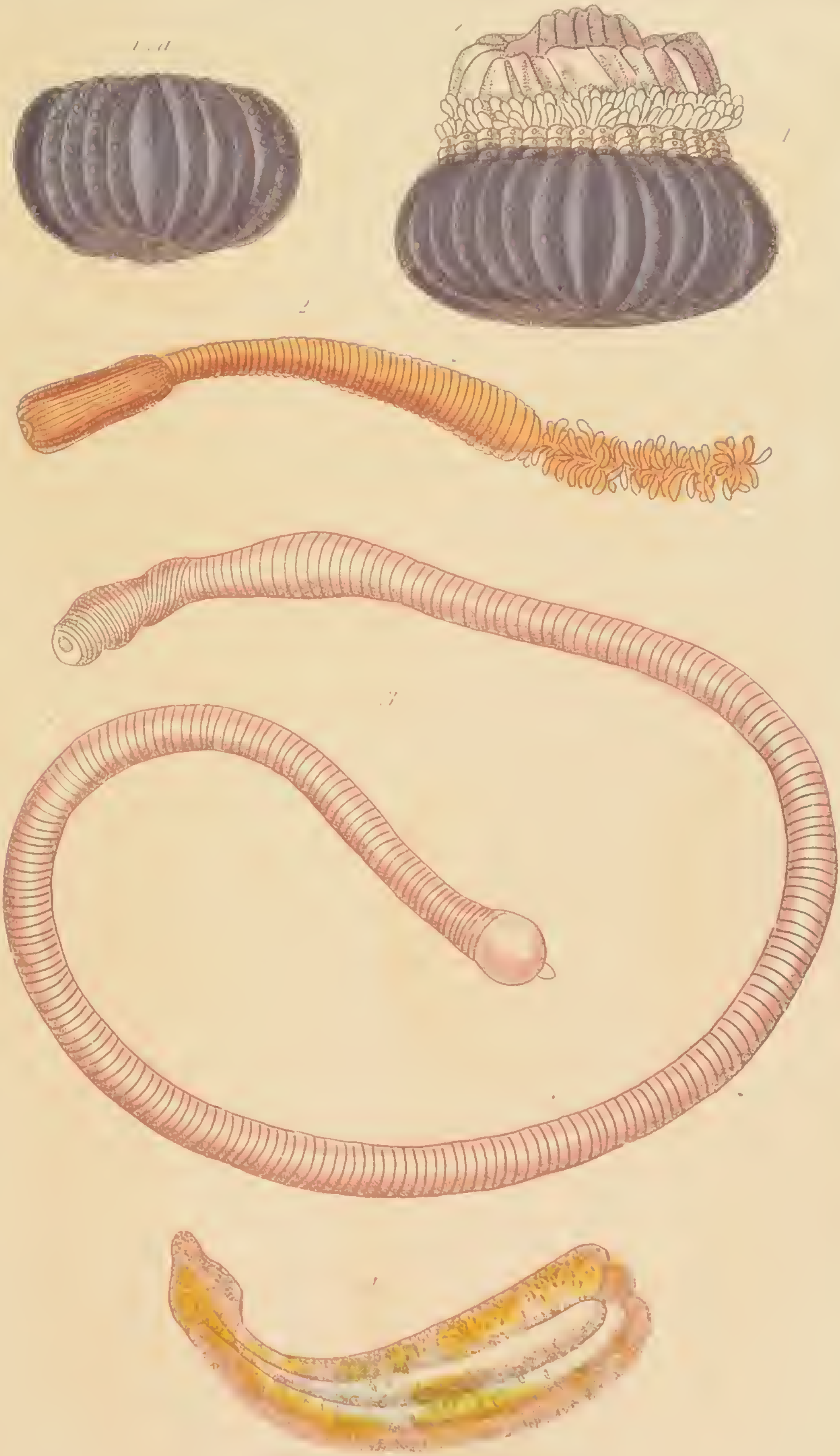

1. Minyas *cyanea.* 2 Priapula *caudata. Lam.* *B. Priapus Lin.*

3. Siponculus *edulis. Pallas.* 4 Siponculus *tamnus Rou.*

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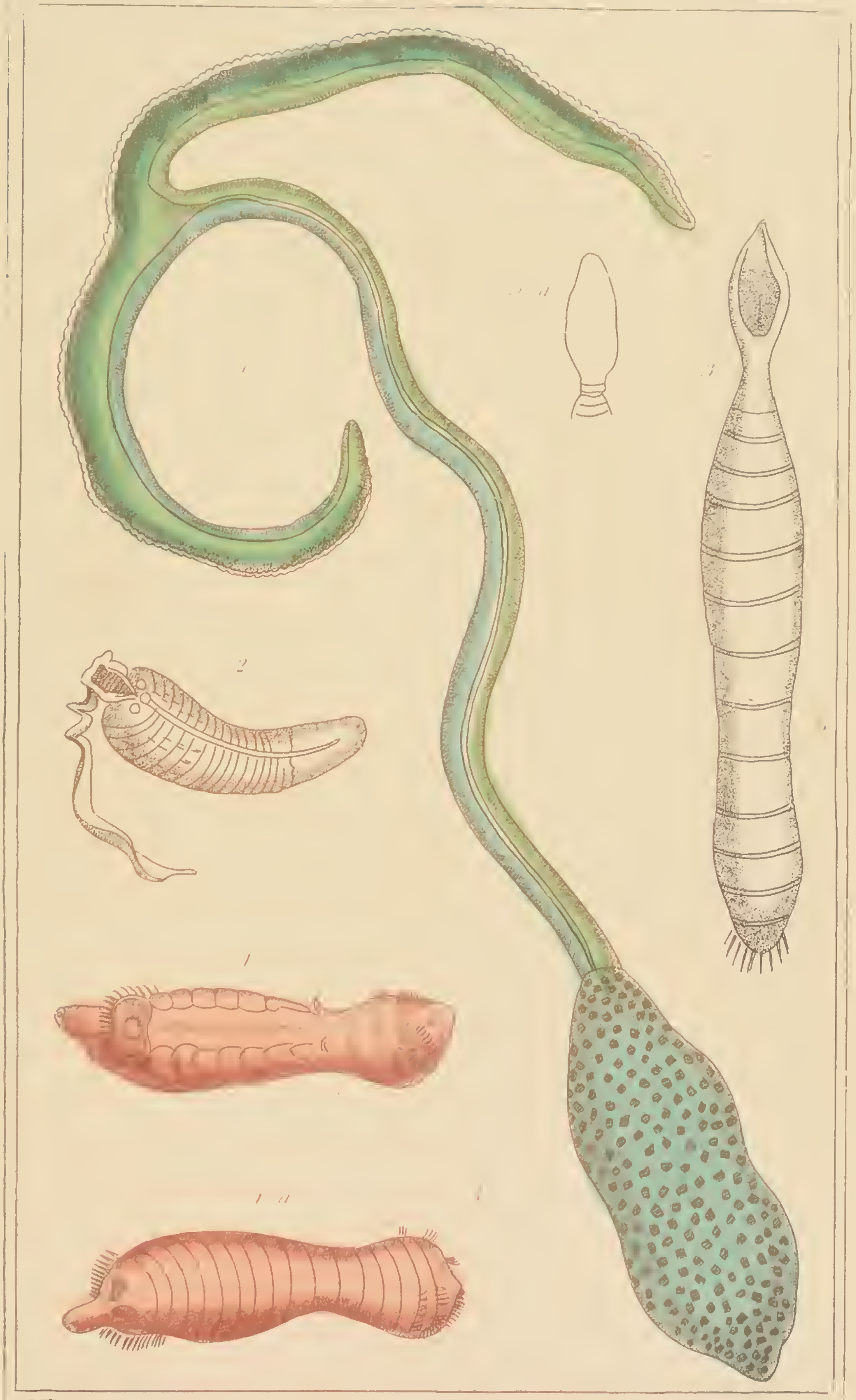

1. **Bonellia** *viridis, Rol.* 2. **Thalassema** *neptuni Gærtn.* 2 a. *Thalassema, Pallas.*
3. **Echiurus** *Pallasii, Nob.* 4. *Echiurus (in Pallas)* 4 a. **Sternaspis** *thalassemoides Otto*

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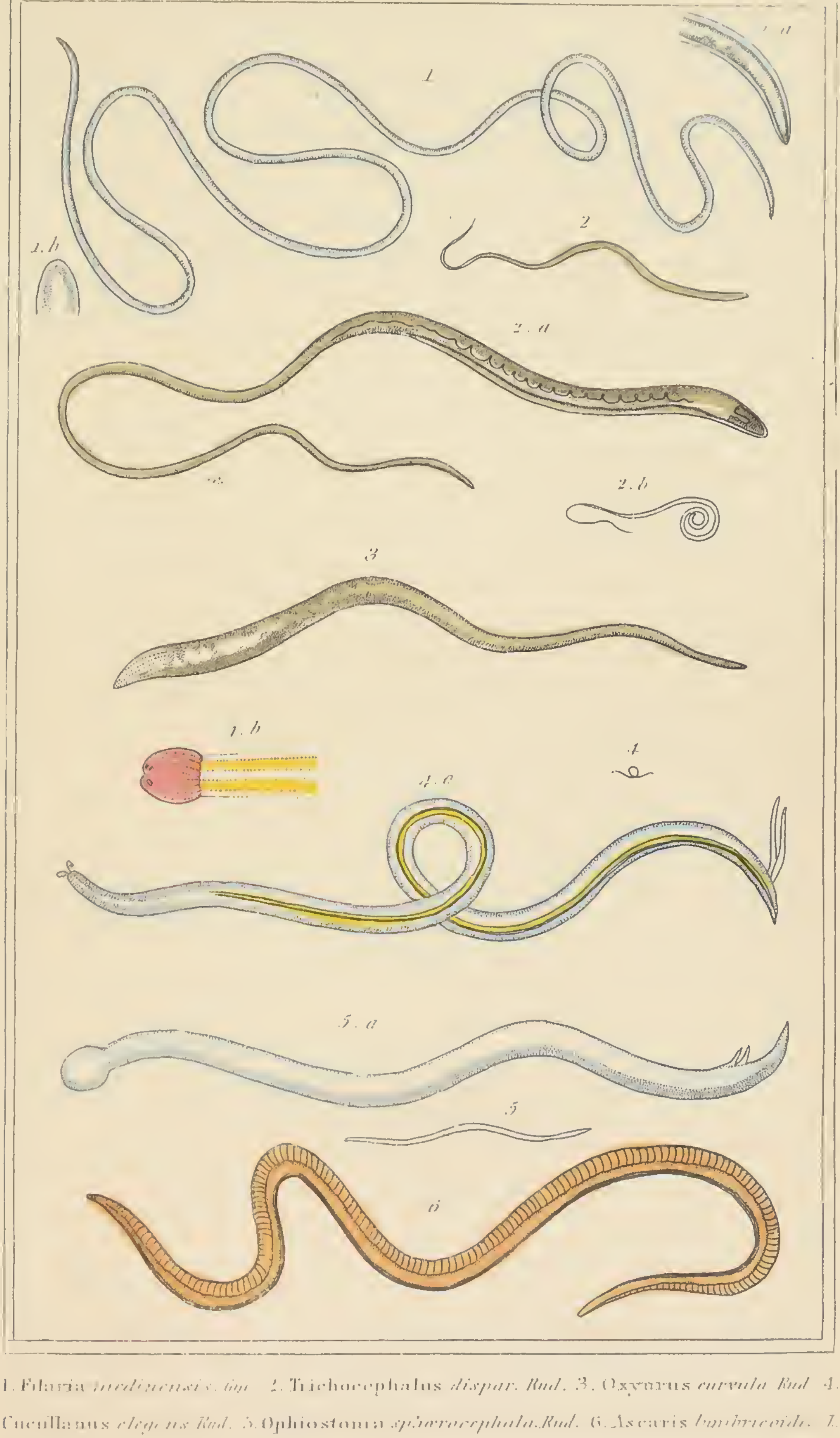

1. Filaria *medinensis. Gm.* 2. Trichocephalus *dispar. Rud.* 3. Oxyurus *curvula Rud.* 4. Cucullanus *elegans Rud.* 5. Ophiostoma *sphærocephala. Rud.* 6. Ascaris *lumbricoides. L.*

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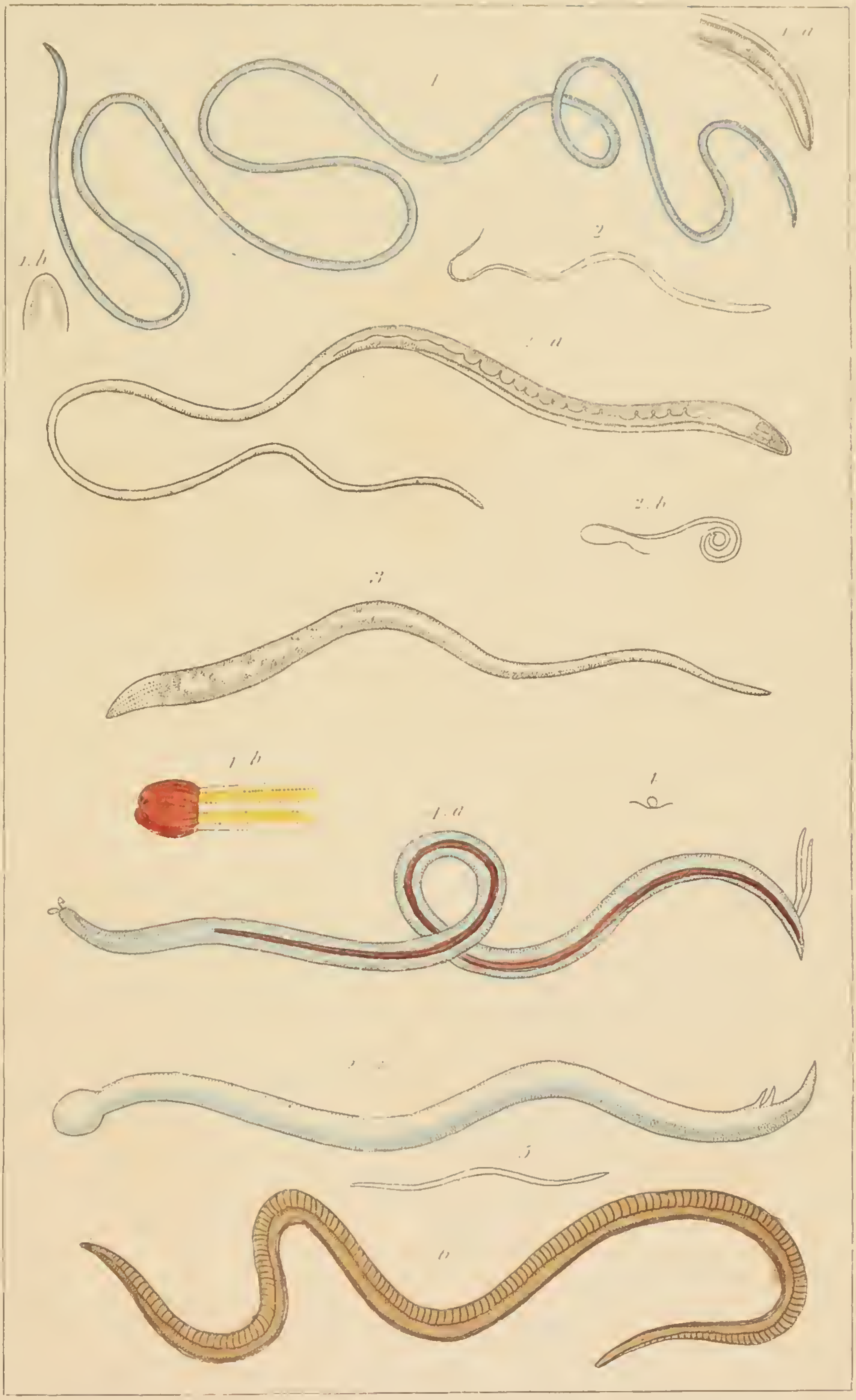

1. **Filaria** *medinensis. Gm.* 2. **Trichocephalus** *dispar. Rud.* 3. **Oxyurus** *curvula Rud.* 4. **Cucullanus** *elegans. Zed.* 5. **Ophiostoma** *sphaerocephala. Rud.* 6. **Ascaris** *lumbricoides L*

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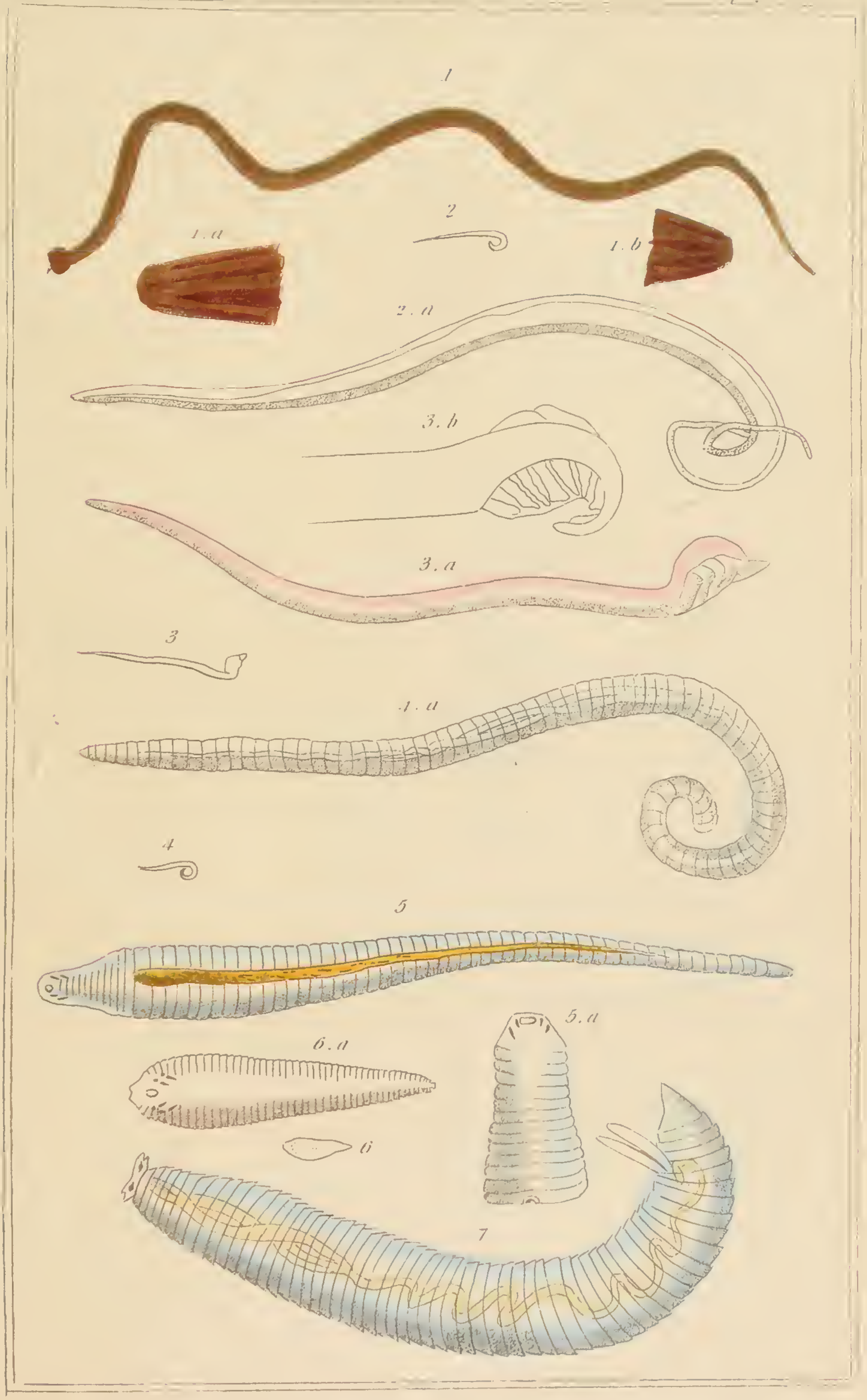

1. Stronglus *gigas. Rud.* 2. Spiropterus *strumulinus. Rud.* 3. Physalopterus *clausus. Rud.*
4. Liorhynchus *denticulatus. R.* 5. Linguatula *tænioides. R.* 6. Linguatula. *(Cu netes?)*
7. Prionoderma *ascaroides. Rud.*

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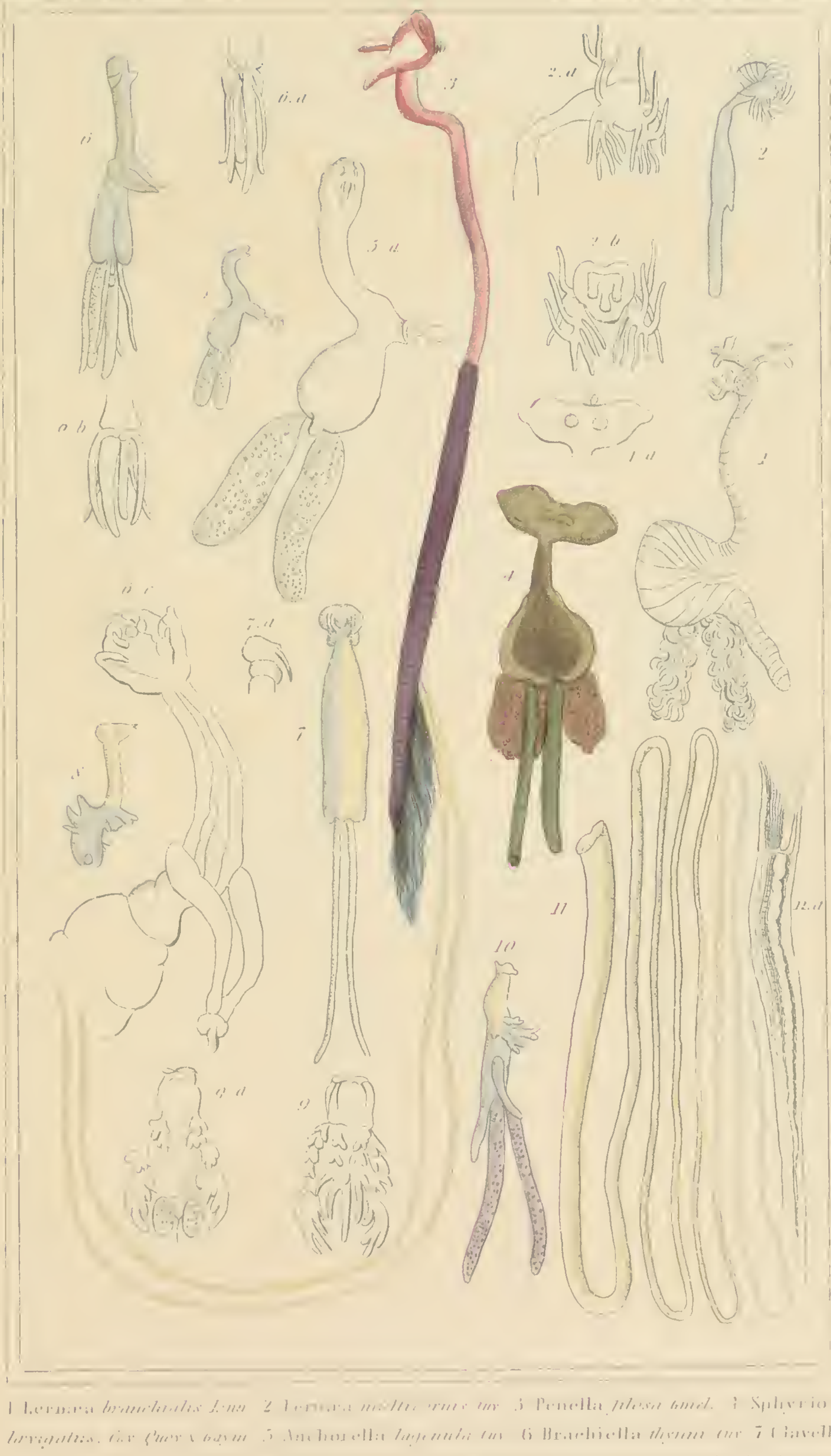
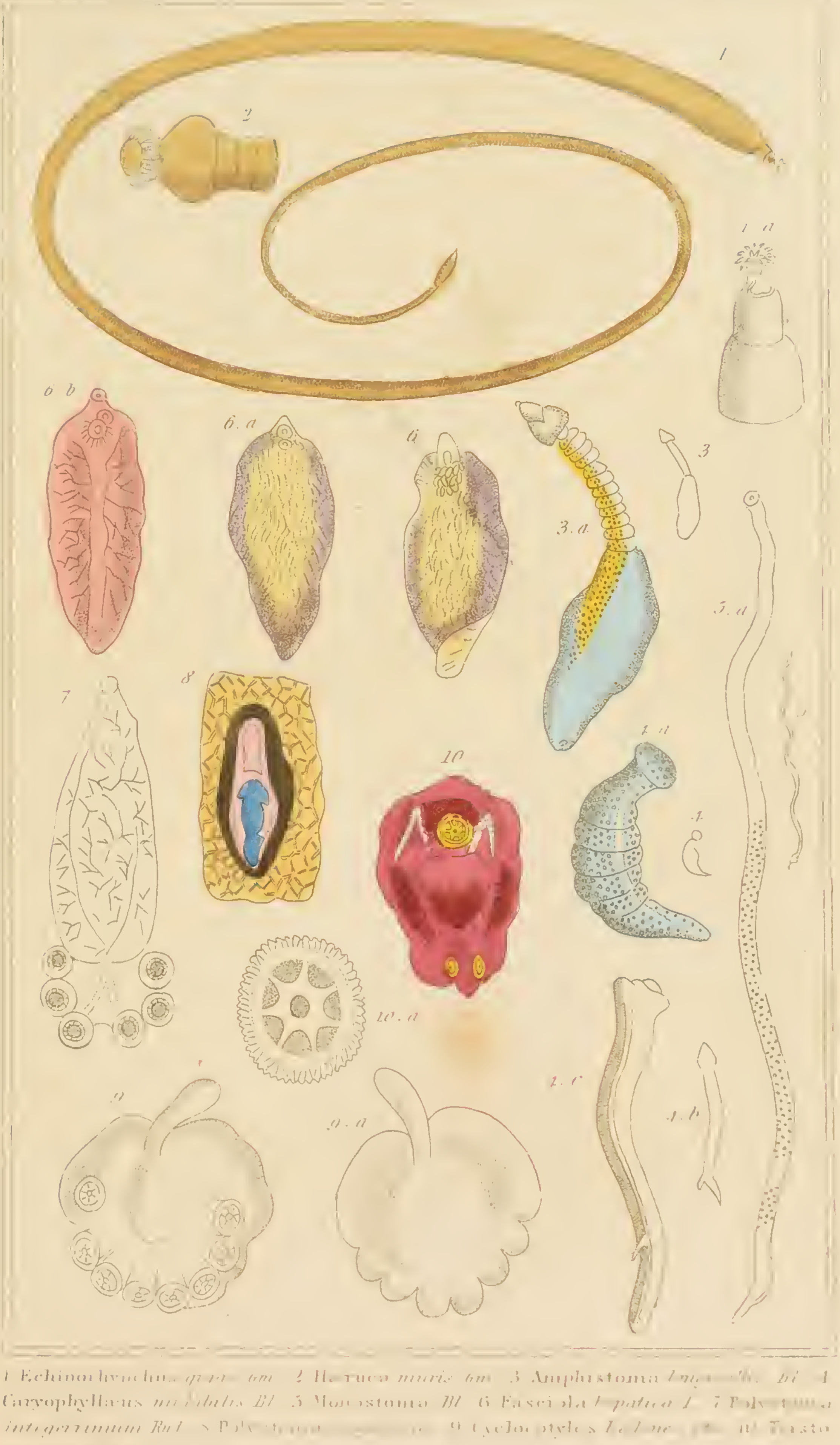


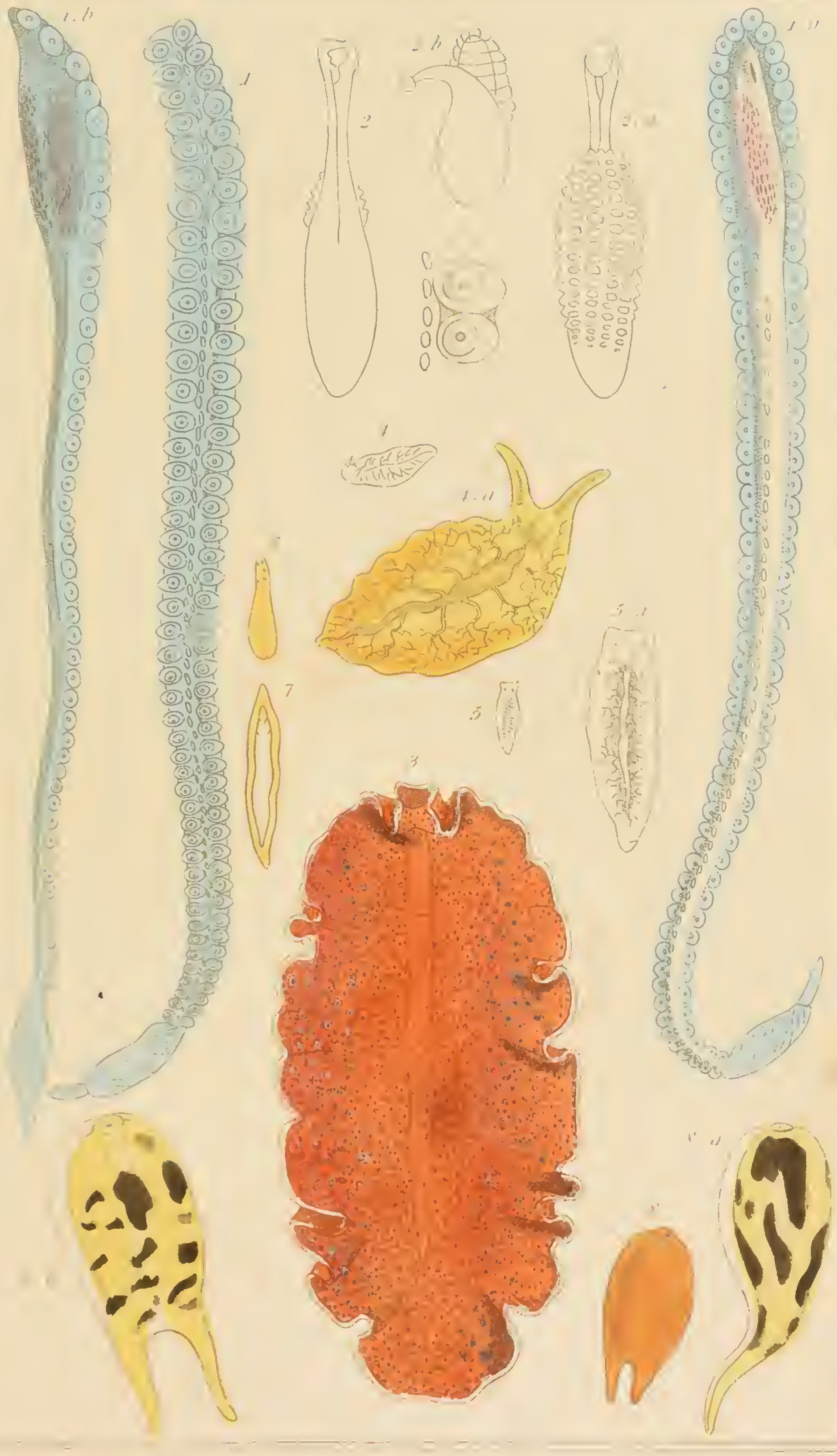
1 Lernæa *branchialis Linn.* 2 Lernæa *multicornis Cuv.* 3 Penella *filosa Gmel.* 4 Sphyrion *lævigatus, Cuv. Quoy & Gaym.* 5 Anchorella *lagenula Cuv.* 6 Brachiella *thynni Cuv.* 7 Clavella *hippoglossi Cuv.* 8 Condracanthus *triglæ Cuv.* 9 Condracanthus *zei Laroche.* 10 Condracanthus *xyphiæ Cuv.* 11 Nemertes *Borlasii Cuv.*

[illegible] Whittaker & Co. [illegible]



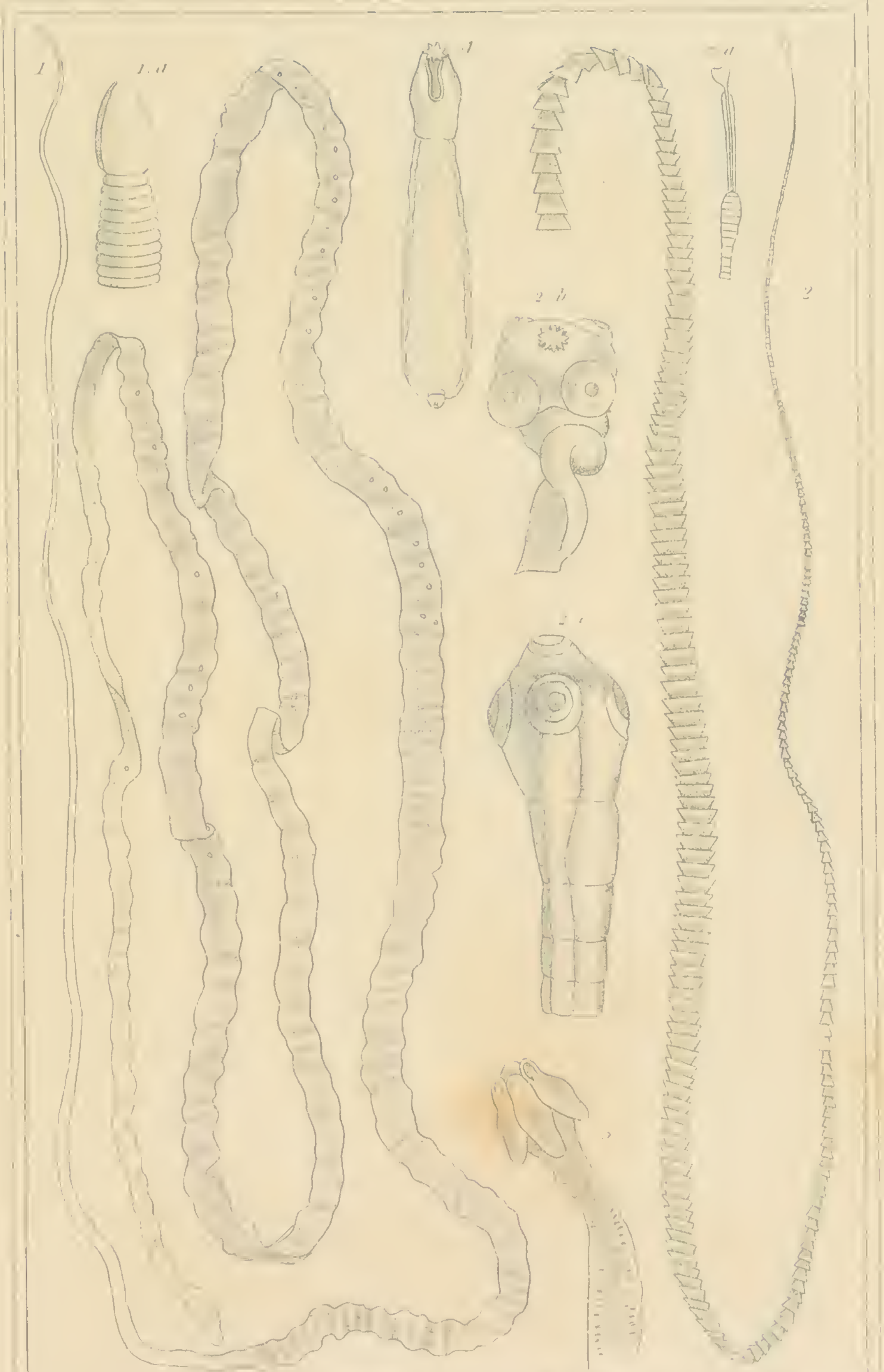
1 Echinorhynchus gigas Gm. 2 Haeruca muris Gm. 3 Amphistoma [illegible] 4 Caryophyllaeus mutabilis Bl. 5 Monostoma Bl. 6 Fasciola hepatica L. 7 Polystoma integerrimum Rud. 8 Polystoma [illegible] 9 Cyclocotyles Belones Otto. 10 Tristoma coccineum

[illegible]



1. Hectoco[illegible] 2. Aspidogaster co[illegible] 3. Plan[illegible] Risso. 4. Planaria [illegible] 5. Planaria lactea Mull. 6. [illegible] Duges. 7. Deros toma [illegible] 8. Vertumnus thethidicola. Otto.

[illegible]



1. Taenia *lata* Rud. cuv. 2. Taenia *solium* Lin. cuv. 3. Head of the Bothriocephalus *coronatus* Bl.

4. Dibothryorhynchus *lepidopteri* Bl.

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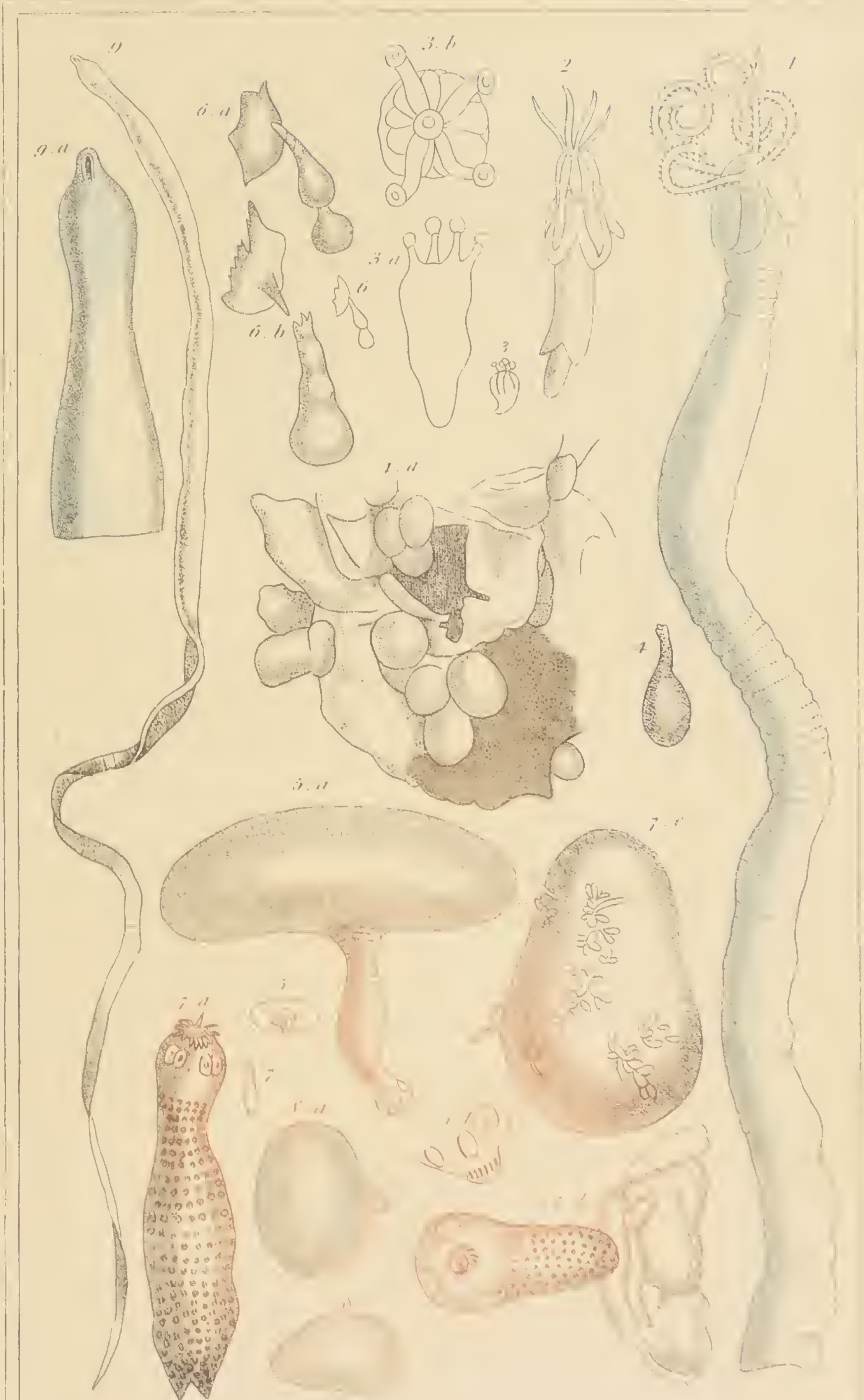
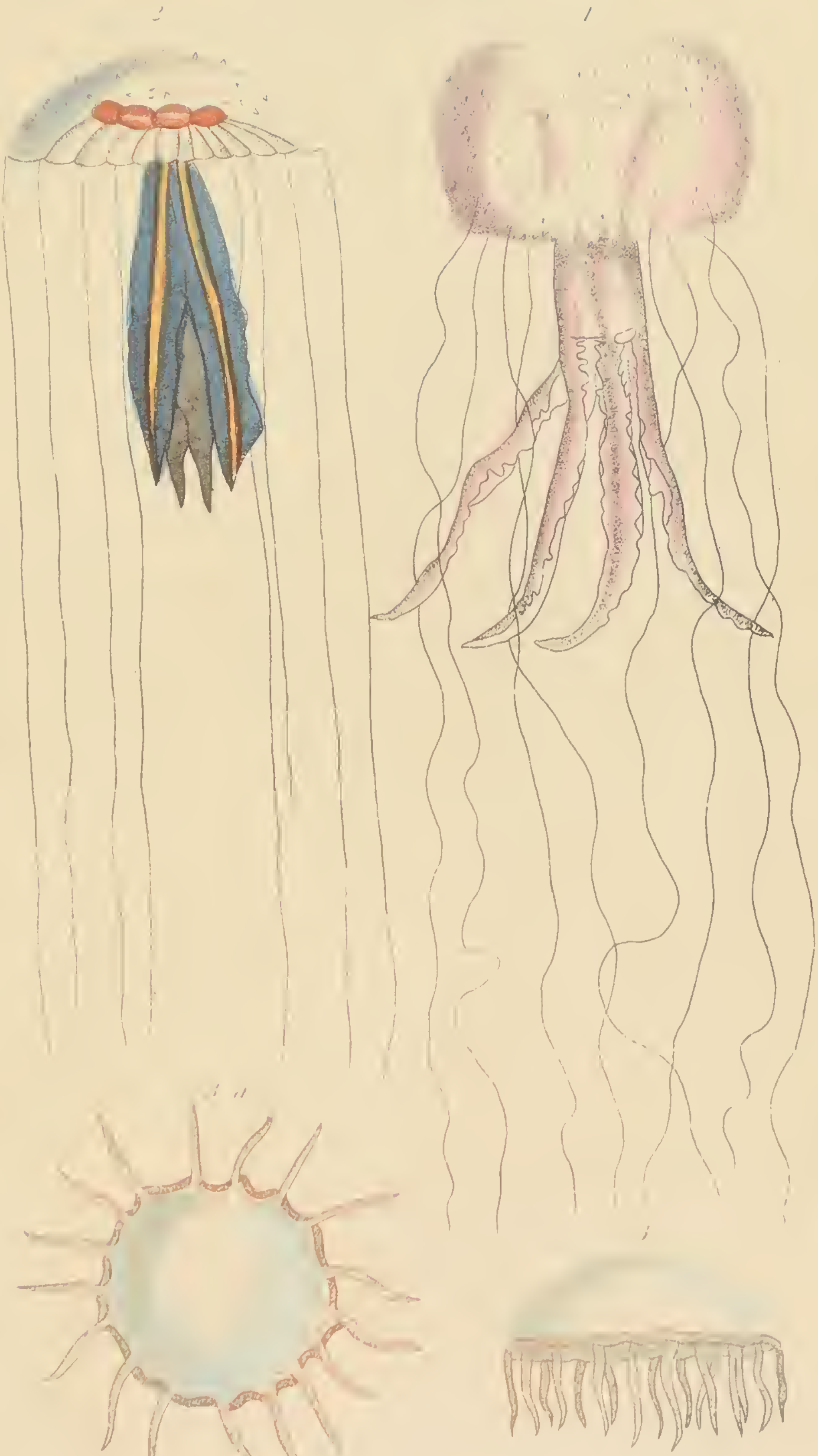


1. Floriceps *corollatus*. 2. Tetrarhynchus [illegible]. 3. Tentacularia [illegible]. 4. Cysticercus *pisiformis*. L. 5. Cysticercus [illegible]. 6. Acrostoma [illegible]. 7. Cœnurus *cerebralis*. [illegible] 8. Echinococcus. 9. Ligula *simplicissima*. R.

[illegible]



1 Pelagia panopyra Péron 2 Cyanæa Labiche Quoy & Gaym

3 Equorea cyanogrammna Quoy & Gaym

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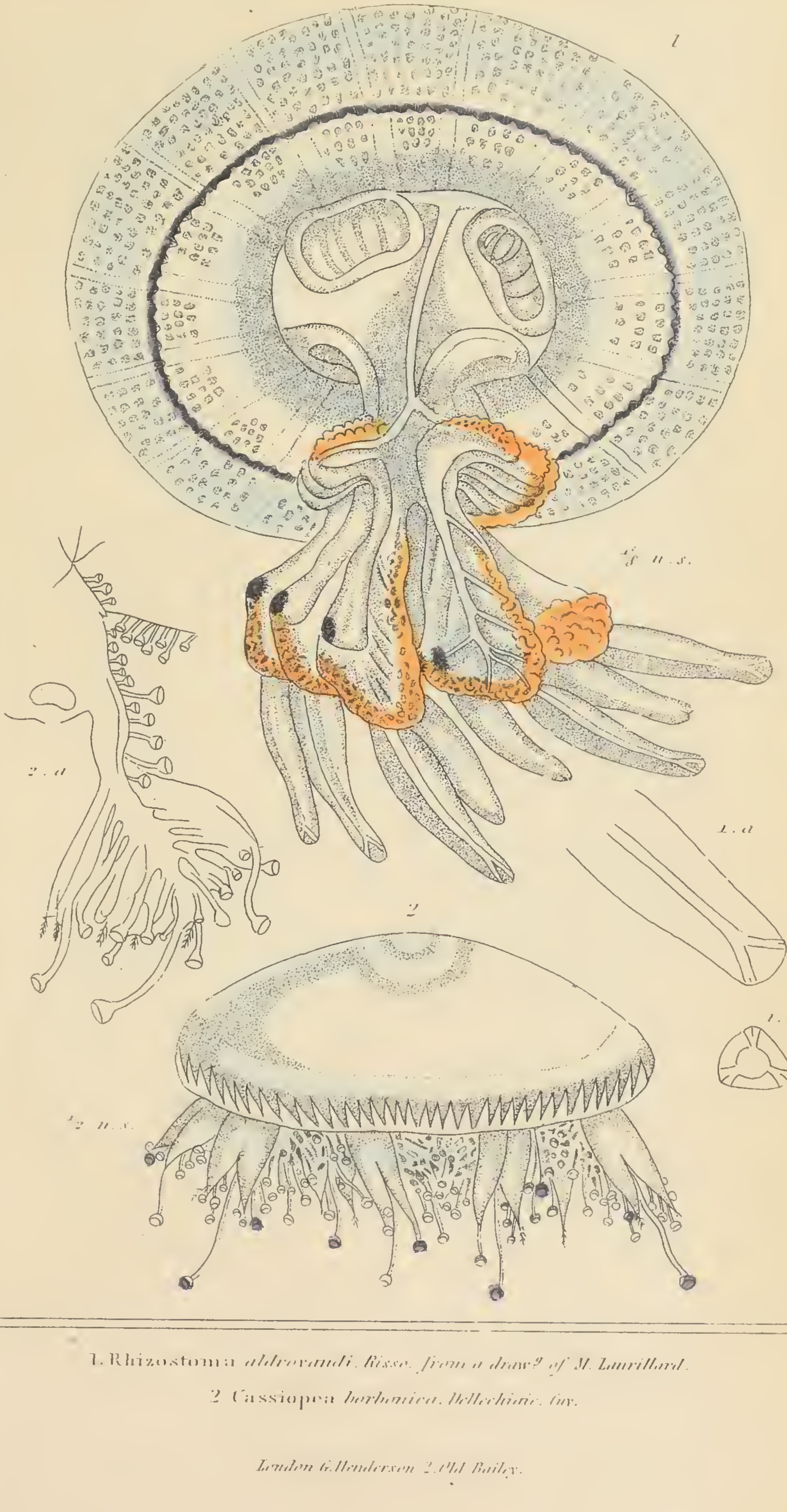

1. Rhizostoma *aldrovandi. Risso. from a draw.g of M. Laurillard.*

2 Cassiopea *borbonica. Dellechiaie. Cuv.*

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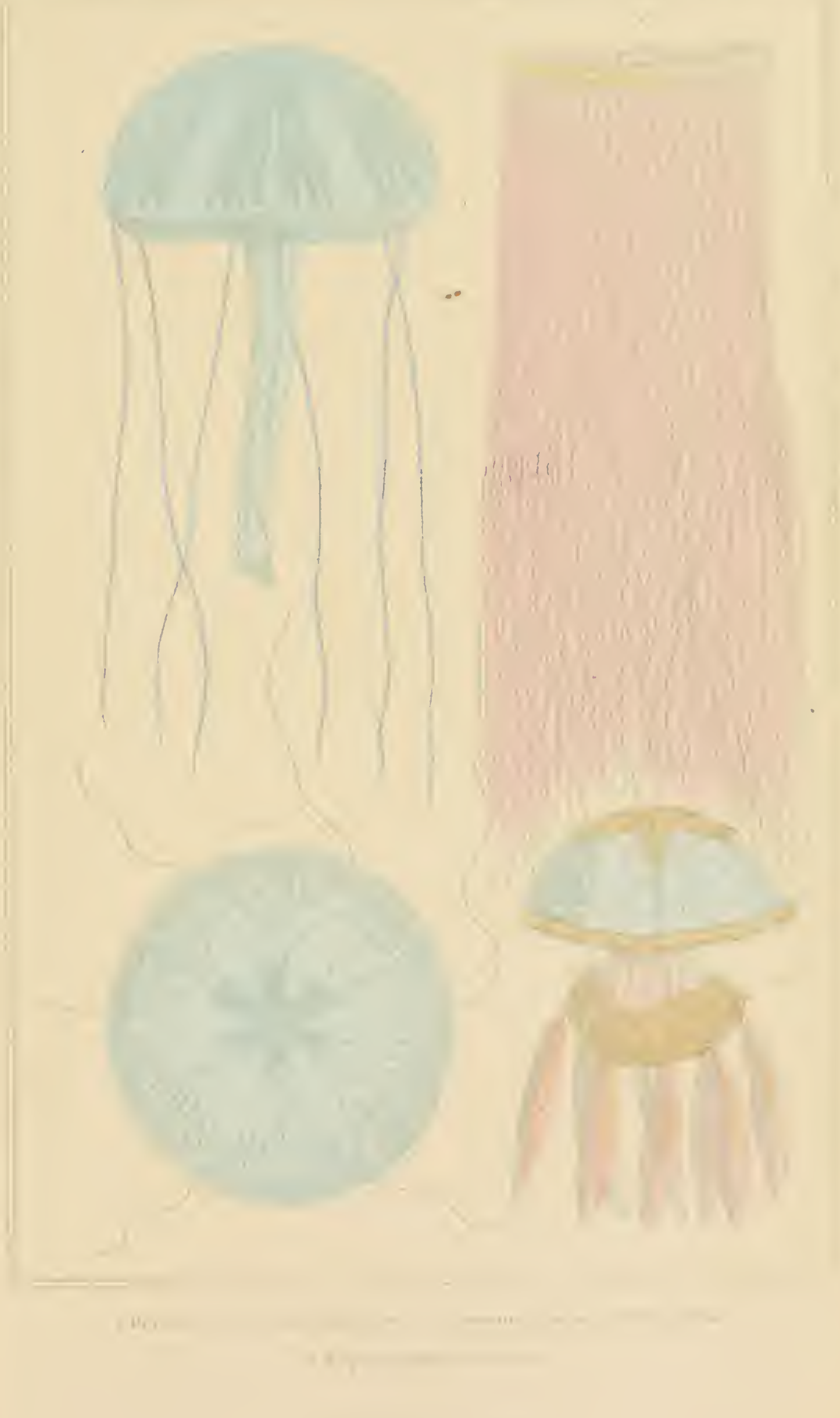

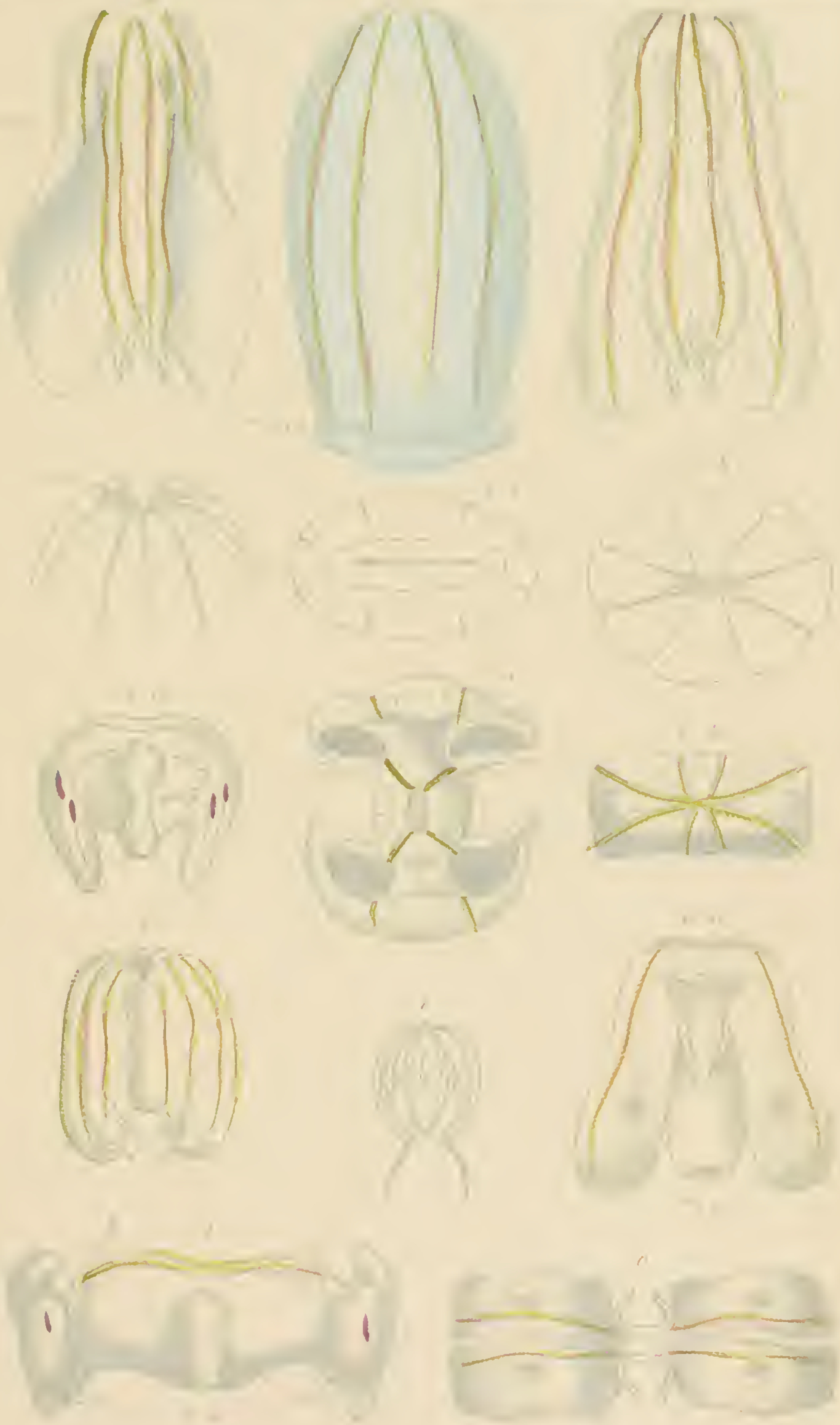

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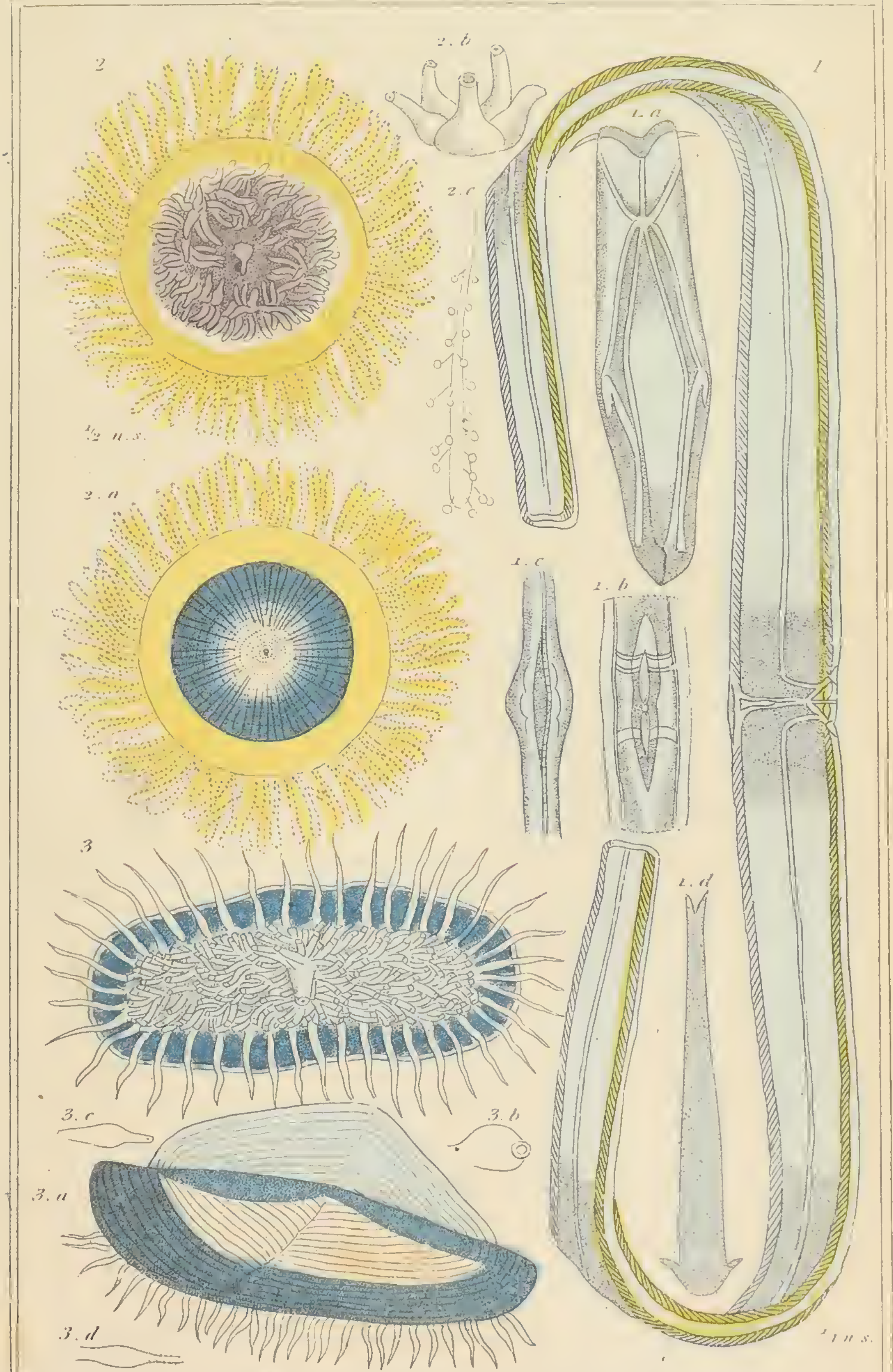

1. Cestum *veneris Lesueur.* 2. Porpita *chrysocoma Less.*
3. Velella *limbosa Lam.*

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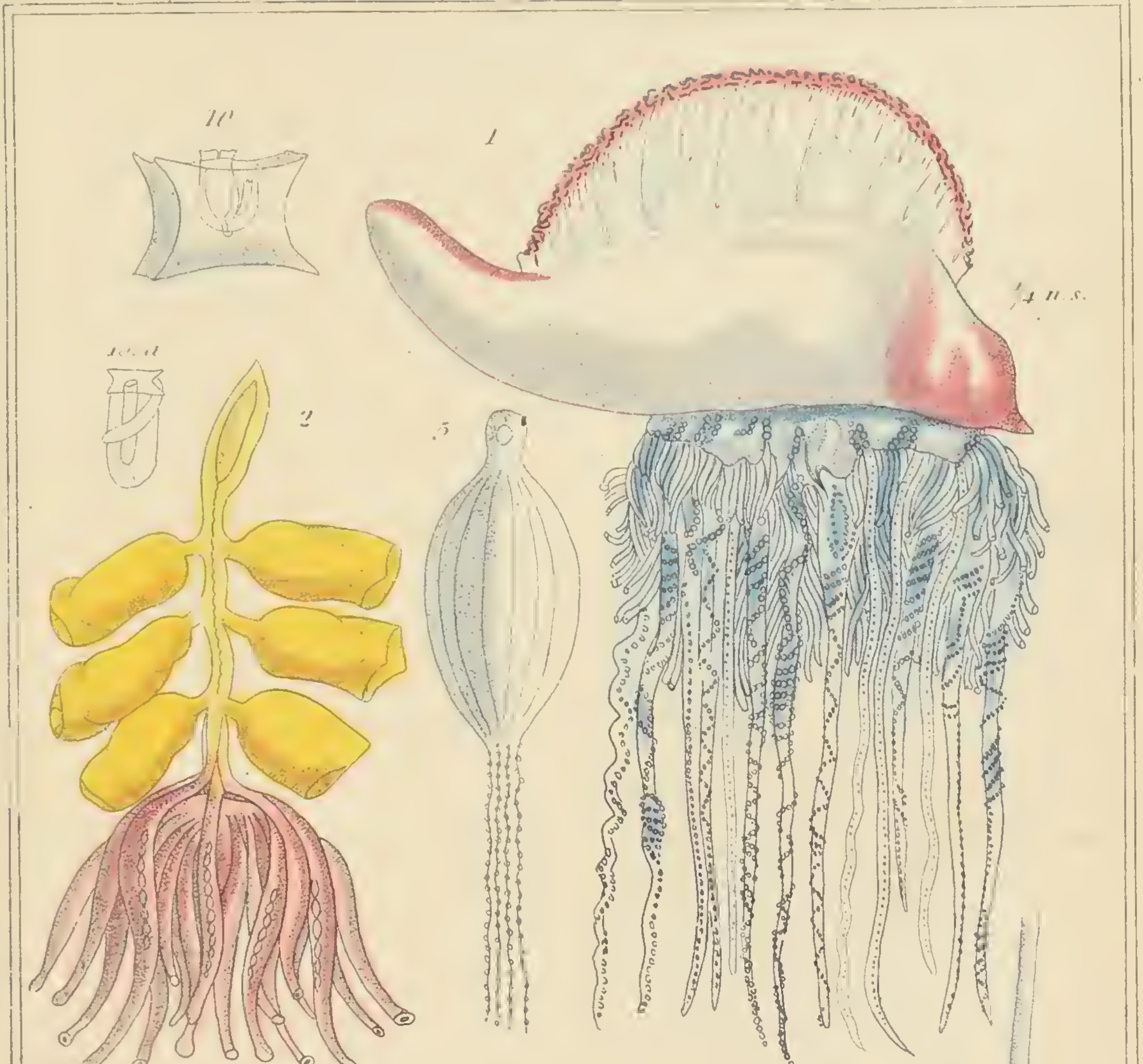

1. Physalia *atlantica. Less.* 2. Physsophora *disticha. Less.* 3. Physsophora *nicea. Lam.* 4. Hippopodius *luteus. Quoy & Gaym.* 5. Rhizophyza *heliantha. Quoy & Gaym.* 6. Diphia *dispar. Bory.* 7 Calpe *pentagona. Quoy & Gaym.* 8. Abyla *trigona. Quoy & Gaym.* 9. Cymba *sagitta. Quoy & Gaym.* 10. Cuboïdes *vitreus. Quoy & Gaym.*

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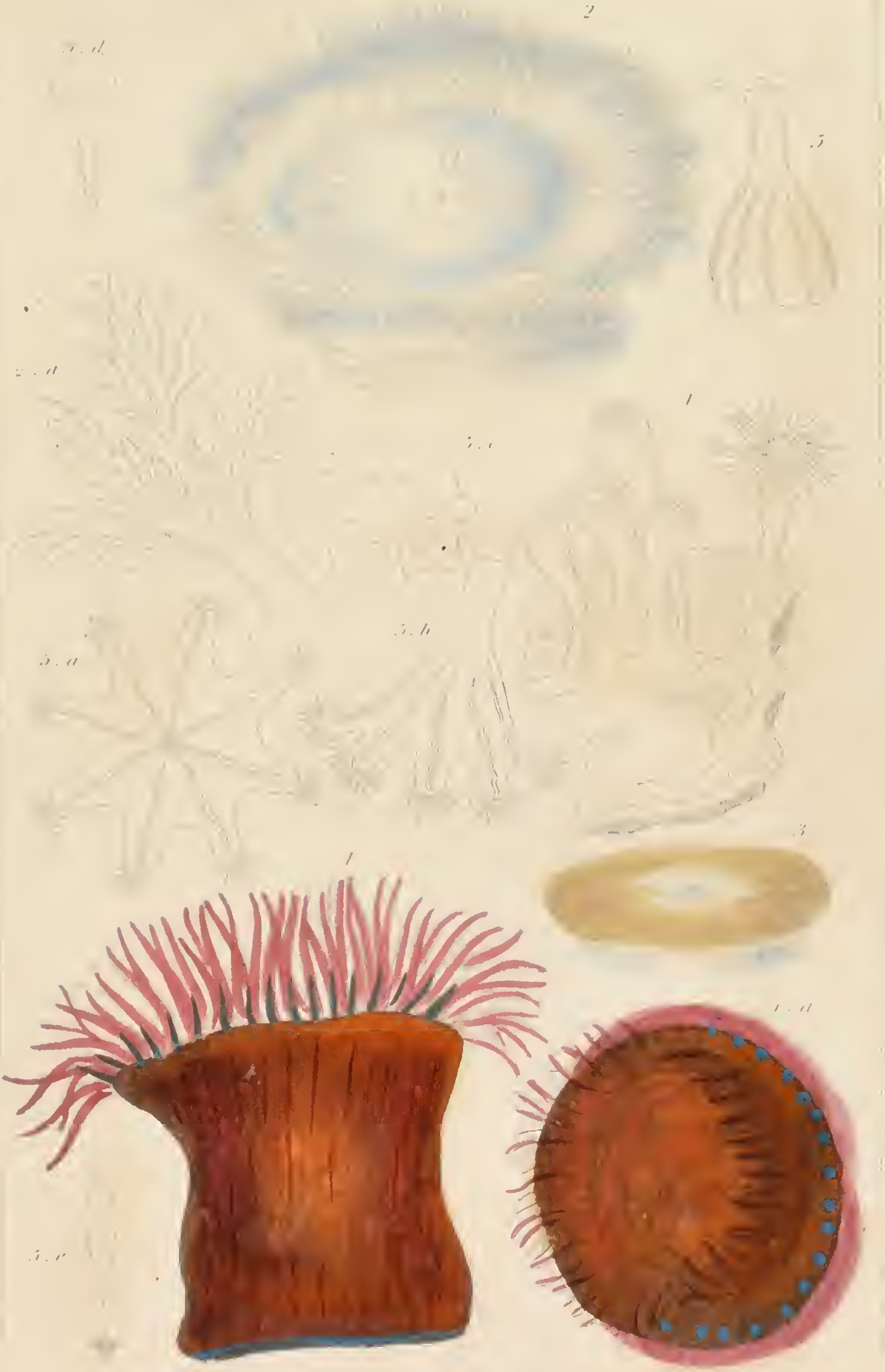

1. Actinia *corallina. Risso.* 2. Thalassianthos *aster Ruppel.* 3. Discosoma *nummiforme.*

4. Zoanthus *sociatus. Cuv.* 5 Lucernaria *campanula. Lamouroux.*

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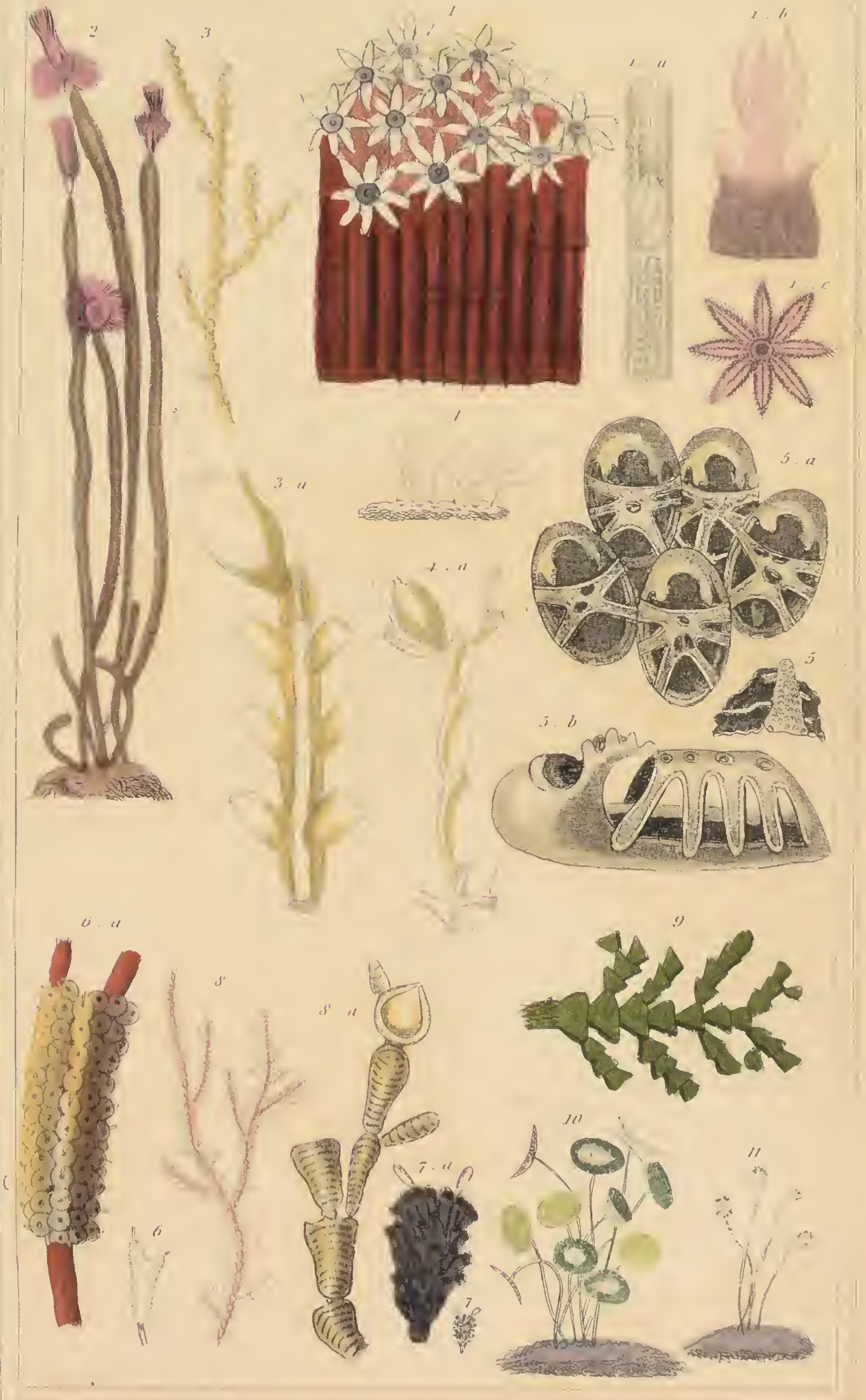

1. Tubipora *rubeola. Quoy.* 2. Tubularia *indivisa. Lam.* 3. Sertularia *tamarindus. Ellis* 4. Eucratea *cornuta. Ellis* 5. Flustra *Aragoi. Exp. d'Eg.* 6. Cellepora *pumicosa Ellis.* 7. Tubulipora *tubulosa Gmel.* 8. Corralina *officinalis. Lin.* 9. Flabellaria *opuntia Ellis.* 10. Acetabulum *mediterraneum Lamk.* 11. Polyphysa *aspergillum. Lamour.*

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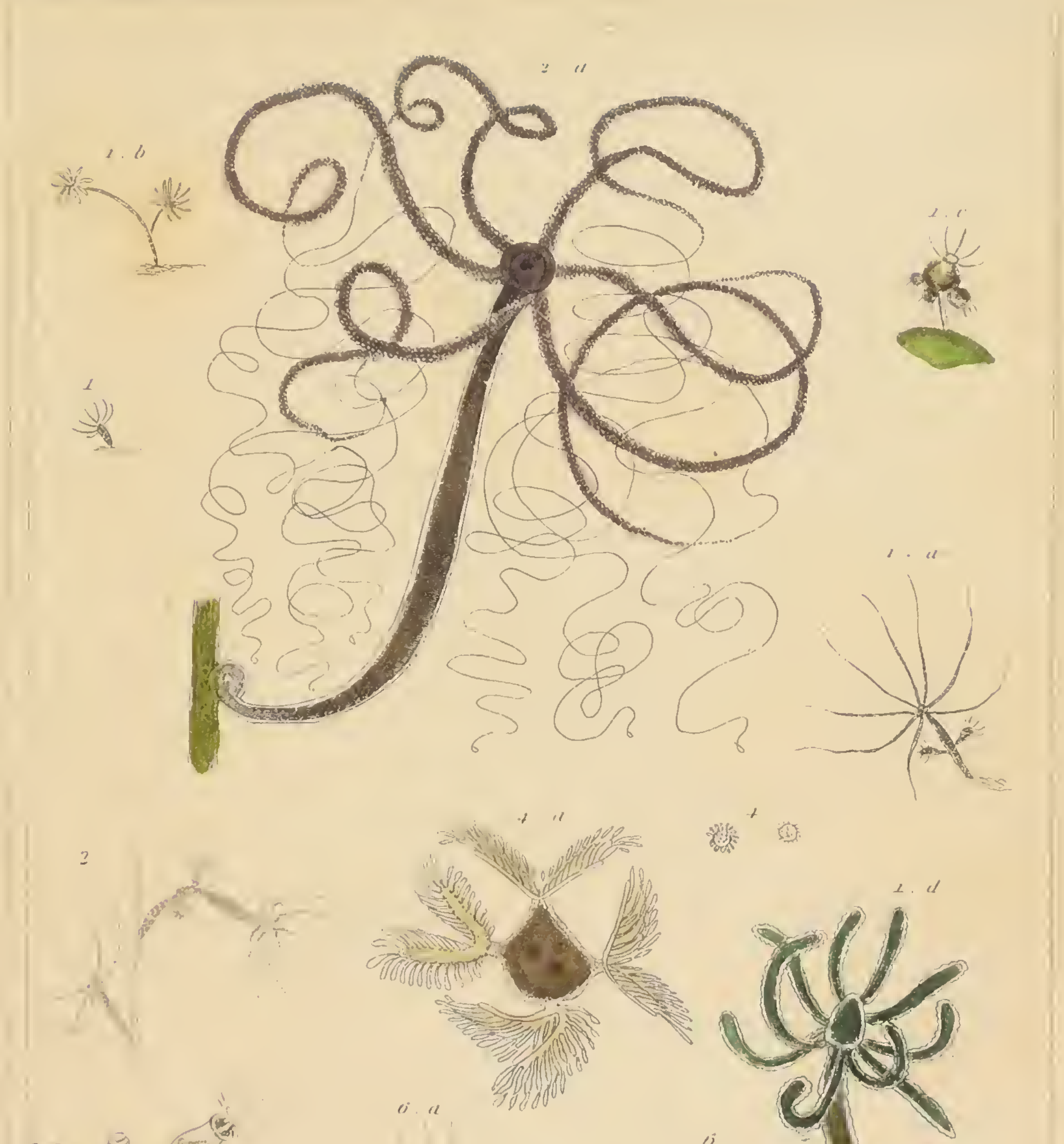

1. Hydra *viridis. Trembl. Cuv.* 2. Hydra *fusca. Tr. Cuv.* 3. Coryna *multicornis. Forsk. Cuv.* 4. Cristatella *mucedo. Cuv.* 5. Vorticella *opercularis. Bory. Rœsel.* 6. Pedicellaria *tridens. Mull. Cuv.*

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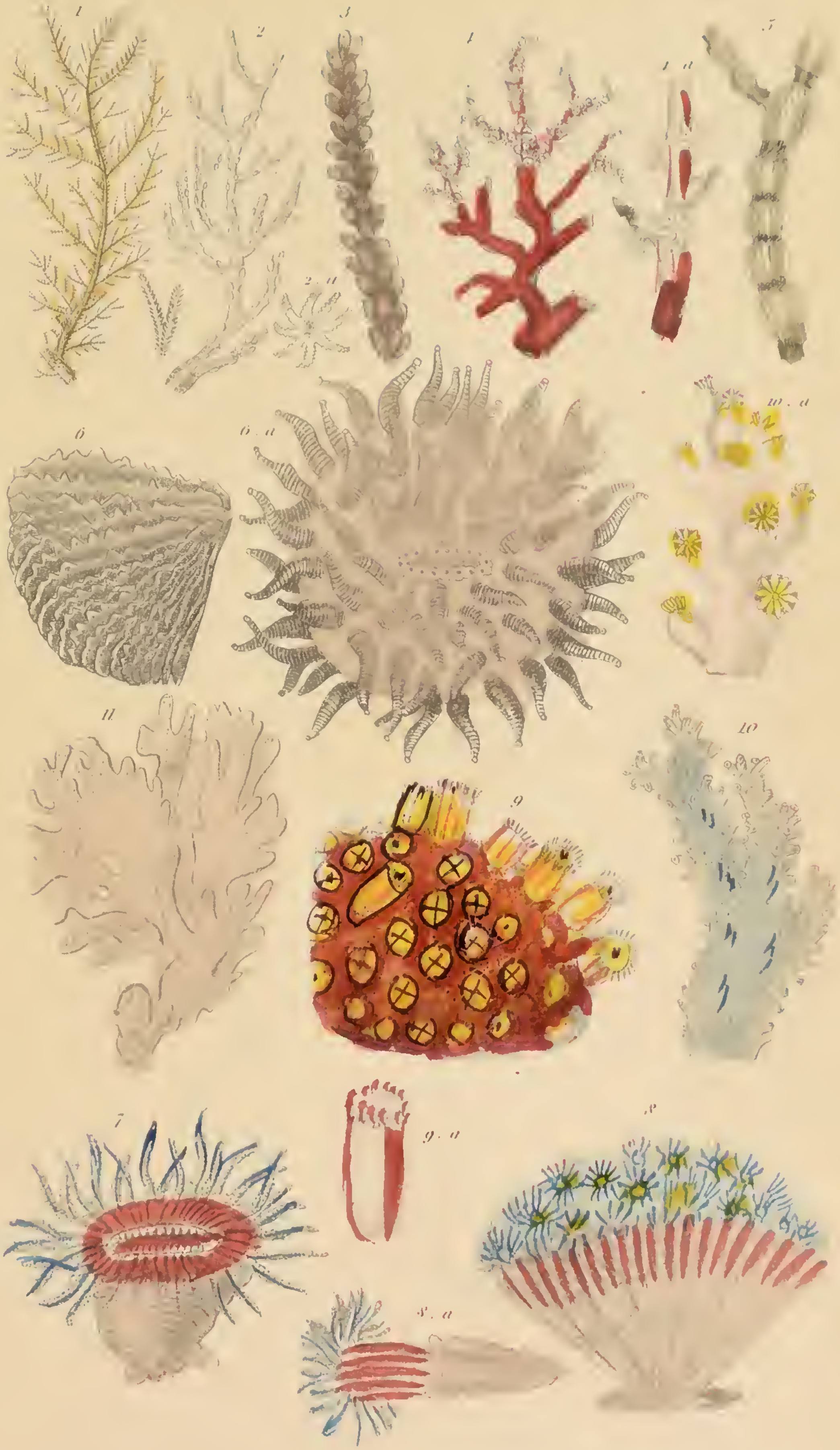

1. Antipathes *myriophylla. Ellis & Sol* 2. Gorgonia *verrucosa. Cuvel* 3 Eunicea *mammosa. Lamour* 4. Corallium *rubrum Cuvel.* 5 Isis *hippuris Ellis & Sol* 6 Fungia *crassitentaculata Quoy* 7 Turbinolia *rubra Quoy.* 8 Caryophyllia *fasciculata Lam.* 9. Astrea *calicularis. Lam* 10 Madrepora *abrotanoides Lam.* 11. Millepora *alcicornis. Pall*

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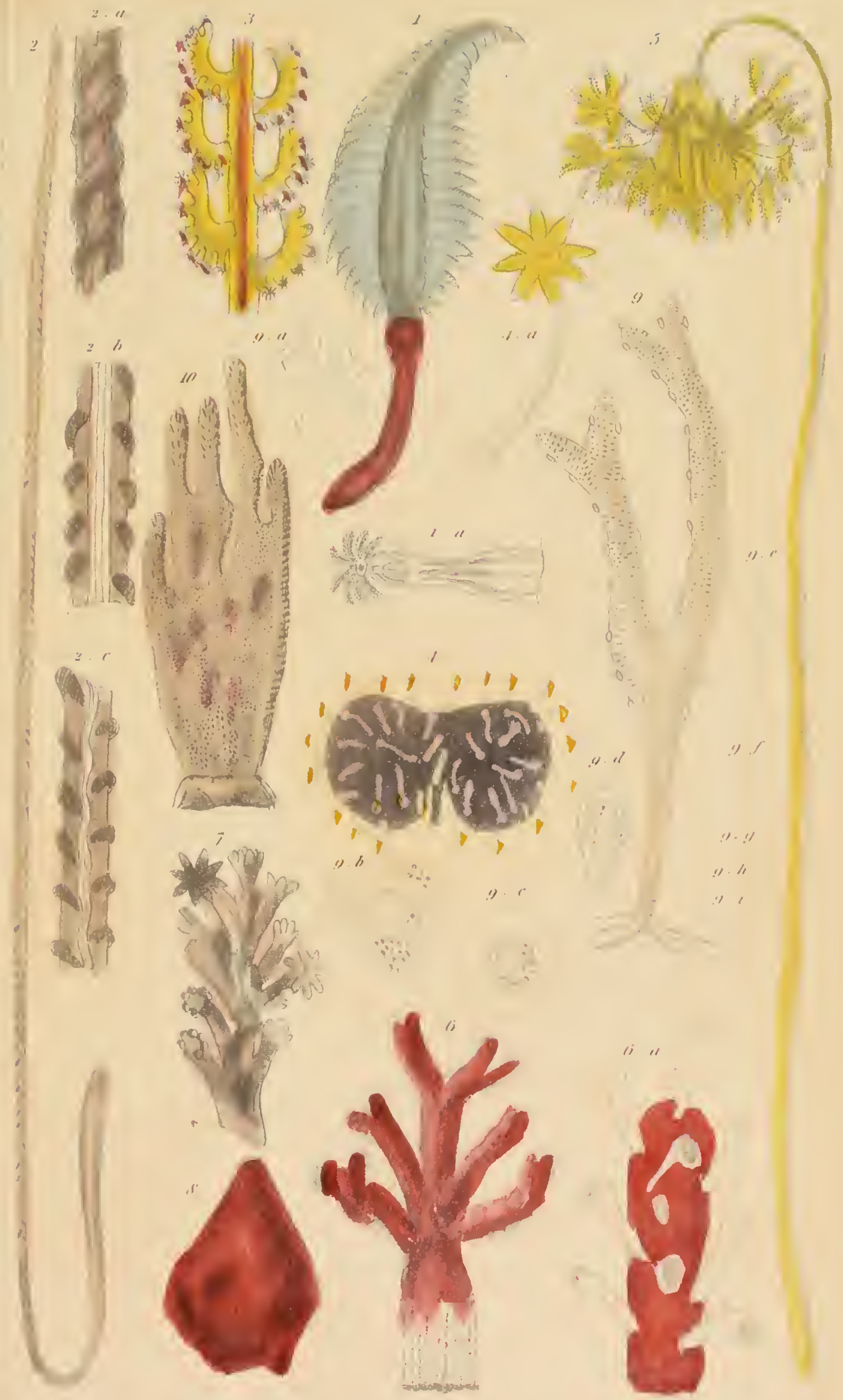

1. Pennatula *grisea. Gmel.* 2 Virgularia *juncea Pall.* 3. *a fragment of the* Virgularia *mirabilis. Mull.* 4 Renilla *violacea. Quoy.* 5. Umbellularia *encrinus. Ellis.* 6 Alcyonium *aurantiacum. Quoy.* 7 *a large fragment of the* Alcyonium *ramosum. Quoy.* 8. Thethyum *lyncurium Marsigli* 9. Spongia *oculata. Pallas* 10. Spongia *manus. Bl.*

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